

**Absil Olivier**

| Jour     | Heure | Local | Section      | Etudiant    | Titre                                                                                                                         |
|----------|-------|-------|--------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|
| Report - | DES   |       | Data Science | Ludo Bissot | Master Thesis : Characterizing the performance of the SPHERE exoplanet imager at the Very Large Telescope using deep learning |

## **Adam Olivier**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                        |
|-------------|--------------|--------------|----------------|-----------------|-------------------------------------|
| 4/09/2023   | 11h15-11h45  | R7 (B28)     | Aérospatiale   | Hugo Stegen     | Master's thesis : Bird gun modeling |

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**Adam Stephane**

| Jour      | Heure       | Local             | Section      | Etudiant     | Titre                                                                                                                                                                 |
|-----------|-------------|-------------------|--------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 09h00-09h30 | Amphi 02<br>(B37) | Architecture | My-Tuyên Ngo | Travail de fin d'études / Projet de fin d'études : La cohabitation au sein des logements intergénérationnels à Ho Chi Minh : étude du mode de vie des personnes âgées |

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**Archambeau Pierre**

| Jour                                                                           | Heure       | Local     | Section       | Etudiant      | Titre                                                                                                       |
|--------------------------------------------------------------------------------|-------------|-----------|---------------|---------------|-------------------------------------------------------------------------------------------------------------|
|  | DES         |           | Constructions | Pablo Mannoni | Inondations de juillet 2021 en Wallonie : comparaison des différentes zones inondées simulées ou modélisées |
| 4/09/2023                                                                      | 15h00-15h30 | R75 (B28) | Physiciens    | Damien Sansen | Eulerian and Lagrangian approach for the drift of floating debris in rivers                                 |

| Jour                                                                           | Heure     | Local       | Section    | Etudiant        | Titre                                                                                                        |                                                                                         |
|--------------------------------------------------------------------------------|-----------|-------------|------------|-----------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|  | DES       |             | Physiciens | Zakaria Boualem | Shock stabilisation techniques for Large Eddy Simulations using the high order Discontinuous Galerkin method |                                                                                         |
|                                                                                | 1/09/2023 | 09h00-09h30 | R18 (B28)  | Physiciens      | Valentin Vanraes                                                                                             | Physical model and sensitivity analysis of volume metering in centrifugal microfluidics |
|                                                                                | 4/09/2023 | 08h30-09h00 | R18 (B28)  | Physiciens      | Kévin Maltez Cavalheiro                                                                                      | Manufacturing of a microfluidic chip for droplet trapping                               |
|                                                                                | 4/09/2023 | 10h15-10h45 | R18 (B28)  | Physiciens      | Tim Gabriel                                                                                                  | Acceleration of Frequency-Domain Full Wave Inversion through Krylov Reuse               |
|                                                                                | 4/09/2023 | 15h00-15h30 | R75 (B28)  | Physiciens      | Damien Sansen                                                                                                | Eulerian and Lagrangian approach for the drift of floating debris in rivers             |
|                                                                                | 5/09/2023 | 11h15-11h45 | R18 (B28)  | Physiciens      | Victor Mangeleer                                                                                             | Ocean parameterizations in an idealized model using machine learning                    |

**Attia Shady**



| Jour | Heure | Local | Section      | Etudiant        | Titre                                                                                                                                     |
|------|-------|-------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
|      | DES   |       | Architecture | Matthias Müller | Travail de fin d'études / Projet de fin d'études : Sustainable off-grid electricity production and storage potential in residential areas |

**Bahmanyar Alireza**

| Jour      | Heure       | Local          | Section     | Etudiant                           | Titre                                                       |
|-----------|-------------|----------------|-------------|------------------------------------|-------------------------------------------------------------|
| 5/09/2023 | 15h00-15h30 | Amphi 02 (B37) | Electricité | Kevin Wilfried Ngouffo<br>Tiomatsa | Study of Rural Electrification of Kinshasa with Micro-Grids |

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**Basconcillos Sergio**

| Jour      | Heure       | Local          | Section | Etudiant              | Titre             |
|-----------|-------------|----------------|---------|-----------------------|-------------------|
| 5/09/2023 | 08h30-09h00 | Amphi 02 (B37) | Erasmus | Jon Guisasola Uriarte | Industrialization |

## **Bastin David**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b>   | <b>Etudiant</b>                    | <b>Titre</b>                                                         |
|-------------|--------------|--------------|------------------|------------------------------------|----------------------------------------------------------------------|
| 22/08/2023  | 13h00-17h00  | TP40         | Mines & géologue | Esteban Andres Tereucan<br>Inaipil | Testing new flotation reagents and process mineralogy study (ULiège) |

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## **Bathani Sami**

| Jour      | Heure       | Local    | Section      | Etudiant       | Titre                                                                             |
|-----------|-------------|----------|--------------|----------------|-----------------------------------------------------------------------------------|
| 4/09/2023 | 13h30-14h00 | R7 (B28) | Aérospatiale | Sacha Waltzing | Master's thesis : Simulation of the casing treatment of a low pressure compressor |

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## **Baudoux Gaelle**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>      | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                                                                                                                                                            |
|-------------|--------------|-------------------|----------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 08h30-09h00  | Amphi 02<br>(B37) | Architecture   | Paul Daumin     | Travail de fin d'études / Projet de fin d'études : Etude de l'intégration de la qualité environnementale au processus de conception architectural : concours d'étudiants d'architecture |

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**Bechet Eric**



| Jour | Heure | Local | Section    | Etudiant     | Titre                     |
|------|-------|-------|------------|--------------|---------------------------|
|      | DES   |       | Mécanicien | Marwa Rayane | Travail de fin d'études : |

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## **Bekisz Sophie**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>   | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                                                      |
|-------------|--------------|----------------|----------------|-----------------|-----------------------------------------------------------------------------------|
| 5/09/2023   | 11h45-12h15  | Amphi 01 (B37) | Biomédicale    | Apolline Paquay | In vitro and in silico tools to investigate molecular actors in lymphangiogenesis |

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**Benzerga Amina**

| Jour      | Heure       | Local          | Section     | Etudiant                           | Titre                                                       |
|-----------|-------------|----------------|-------------|------------------------------------|-------------------------------------------------------------|
| 5/09/2023 | 15h00-15h30 | Amphi 02 (B37) | Electricité | Kevin Wilfried Ngouffo<br>Tiomatsa | Study of Rural Electrification of Kinshasa with Micro-Grids |

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**Bogdanowicz Janusz**

| Jour      | Heure       | Local     | Section    | Etudiant      | Titre                                                                                             |
|-----------|-------------|-----------|------------|---------------|---------------------------------------------------------------------------------------------------|
| 1/09/2023 | 10h00-10h30 | R18 (B28) | Physiciens | Camille Bosch | Electrical performance of electrostatically doped channels for future gate-all-around transistors |

**Boigelot Bernard**

| Jour      | Heure       | Local          | Section      | Etudiant          | Titre                                                                                           |
|-----------|-------------|----------------|--------------|-------------------|-------------------------------------------------------------------------------------------------|
| ■         | DES         |                | Informatique | Alex-Manuel Rosca | Integrating Flutter with Wayland                                                                |
| ■         | DES         |                | Informatique | Barry Sajid       | Kernel Forensics                                                                                |
| ■         | DES         |                | Informatique | Arnaud Verlaine   | N/A                                                                                             |
| 4/09/2023 | 08h30-09h00 | R21 (B28)      | Informatique | Louis Dasnois     | Satisfiability Modulo Theories for finite domains                                               |
| 4/09/2023 | 09h00-09h30 | R21 (B28)      | Informatique | Robin Coutelier   | Chronological vs. non-chronological backtracking in satisfiability modulo theories              |
| 4/09/2023 | 10h45-11h15 | R21 (B28)      | Informatique | Pauline Gualtieri | Implementation of Automata over Linear Orderings                                                |
| 5/09/2023 | 09h30-10h00 | R21 (B28)      | Informatique | Valentin Baum     | Implementing an Automatic Pointers Exercises Generator in CAFÉ 2.0                              |
| 5/09/2023 | 10h00-10h30 | R21 (B28)      | Informatique | Davy Chiem Dao    | Web portal for the Community of interpreters and translators                                    |
| 5/09/2023 | 11h15-11h45 | R21 (B28)      | Informatique | Ionut Finta       | UX and Security improvements on connected glasses                                               |
| 5/09/2023 | 15h00-15h30 | R7 (B28)       | Data Science | Thibaut Doxins    | Master Thesis : Powder bed monitoring with deep learning                                        |
| 5/09/2023 | 16h15-16h45 | Amphi 02 (B37) | Electricité  | Maxime Galet      | Development of a laser triangulation sensor for the measurement of powder height in 3D printing |

## **Boman Romain**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                                                                                                                                           |
|-------------|--------------|--------------|----------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 17h15-17h45  | R7 (B28)     | Aérospatiale   | Jonathan Kozak  | Master's thesis : Improving the understanding and modeling of gas foil bearings                                                                                        |
| 4/09/2023   | 18h15-18h45  | R7 (B28)     | Aérospatiale   | Hugo Agnello    | Master's thesis : Development of a Coupling Interface Between a High Order Discontinuous Galerkin Method and External Structural Solvers for Gas Foil Bearing Analysis |

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**Borojevic Sostaric Sibila**

| Jour       | Heure       | Local | Section          | Etudiant     | Titre                                                                                                             |
|------------|-------------|-------|------------------|--------------|-------------------------------------------------------------------------------------------------------------------|
| 22/08/2023 | 13h00-17h00 | TP40  | Mines & géologue | Ivan Vujevic | Process-oriented ore-body characterization of the Ag-polymetallic Rupice Deposit, Bosnia and Herzegovina (ULiège) |

**Bouzahzah Hassan**

| Jour       | Heure       | Local       | Section          | Etudiant     | Titre                                                                                                                                               |
|------------|-------------|-------------|------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 22/08/2023 | 13h00-17h00 | TP40        | Mines & géologue | Ivan Vujevic | Process-oriented ore-body characterization of the Ag-polymetallic Rupice Deposit, Bosnia and Herzegovina (ULiège)                                   |
| 5/09/2023  | 17h00-17h30 | 0/429 (B52) | Mines & géologue | Laura Lenoir | Développement d'une méthodologie pour la caractérisation du graphite natif dans un minerai d'or (Kittilä) par un système de minéralogie automatisée |

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## **Brouyere Serge**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b>   | <b>Etudiant</b>                 | <b>Titre</b>                                                                                                                                        |
|-------------|--------------|--------------|------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 22/08/2023  | 13h00-17h00  | TP40         | Mines & géologue | Muhammad Haseeb Aamir           | Selective recovery of Li from leaching solution coming from the processing of Lithium-Ion Batteries (ULiège)                                        |
| 22/08/2023  | 13h00-17h00  | TP40         | Mines & géologue | Fuad Wafa Nawawi                | Study of vacuum thermal treatment of galvanized steel scrap in view of optimized recycling (ULiège)                                                 |
| 22/08/2023  | 13h00-17h00  | TP40         | Mines & géologue | Charalampos Pouloupoulos        | Influence of the temperature variation at the slag flotation plant in Aurubis, Pirdop on copper grade and recovery (ULiège)                         |
| 22/08/2023  | 13h00-17h00  | TP40         | Mines & géologue | Esteban Andres Tereucan Inaipil | Testing new flotation reagents and process mineralogy study (ULiège)                                                                                |
| 22/08/2023  | 13h00-17h00  | TP40         | Mines & géologue | Ivan Vujevic                    | Process-oriented ore-body characterization of the Ag-polymetallic Rupice Deposit, Bosnia and Herzegovina (ULiège)                                   |
| 22/08/2023  | 13h00-17h00  | TP40         | Mines & géologue | Zara Zafar                      | Evaluating sensor-based sorting technology and multi-stage separation for recycling (TUBAF)                                                         |
| 4/09/2023   | 11h00-11h30  | 0/429 (B52)  | Constructions    | Sophie Lanckohr                 | Etude des effets du séchage/humidification sur des sols argileux                                                                                    |
| 5/09/2023   | 08h30-09h00  | 0/429 (B52)  | Mines & géologue | Luca Emmanuello                 | Evaluation of monitored natural attenuation as a bioremediation technique of benzene in the Bois Saint-Jean site                                    |
| 5/09/2023   | 09h00-09h30  | 0/429 (B52)  | Mines & géologue | Luca Varisano                   | Dimensionnement d'ouvrages d'infiltration d'eau pluviale : comparaison de différents types d'essais et méthodes d'interprétation                    |
| 5/09/2023   | 17h00-17h30  | 0/429 (B52)  | Mines & géologue | Laura Lenoir                    | Développement d'une méthodologie pour la caractérisation du graphite natif dans un minerai d'or (Kittilä) par un système de minéralogie automatisée |

**Bruls Olivier**

| Jour                                                                           | Heure       | Local          | Section     | Etudiant         | Titre                                                                          |                                                                                                                              |
|--------------------------------------------------------------------------------|-------------|----------------|-------------|------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  | DES         |                | Mécanicien  | Marwa Rayane     | Travail de fin d'études :                                                      |                                                                                                                              |
|                                                                                |             |                |             |                  |                                                                                |                                                                                                                              |
|                                                                                | 4/09/2023   | 08h00-08h30    | R18 (B28)   | Mécanicien       | Guillian Bryndza                                                               | Preliminary Design and Development of a Behavior Planner for Cooperative Highway Merging in Self-Driving Vehicles            |
|                                                                                | 4/09/2023   | 16h15-16h45    | R7 (B28)    | Aérospatiale     | Riccardo Majer                                                                 | Master's thesis : Orbit dynamics around asteroid bodies                                                                      |
|                                                                                | 4/09/2023   | 16h45-17h15    | R7 (B28)    | Aérospatiale     | Sacha Iannello                                                                 | Master's thesis : Stability analysis of a deployable origami spatial structure                                               |
|                                                                                | 4/09/2023   | 17h45-18h15    | R7 (B28)    | Erasmus          | Alfonso Lainez Muñiz                                                           | Master's thesis : Solving periodic optimal control problems with a direct technique applied to Collision Avoidance Maneuvers |
| 5/09/2023                                                                      | 10h45-11h15 | Amphi 01 (B37) | Biomédicale | Laura Pottier    | Simulating realistic human motion for robotics                                 |                                                                                                                              |
| 5/09/2023                                                                      | 13h00-13h30 | R7 (B28)       | Mécanicien  | Samuel Van Hulle | Preliminary Design of a Transverse Composite Leaf Spring for Electric Vehicles |                                                                                                                              |

**Bulteel David**

| Jour      | Heure       | Local       | Section       | Etudiant          | Titre                                                                          |
|-----------|-------------|-------------|---------------|-------------------|--------------------------------------------------------------------------------|
| 4/09/2023 | 13h00-13h30 | 0/429 (B52) | Constructions | Charlotte Michels | Durabilité des encres cimentaires à base de sable recyclé pour l'impression 3D |

**Calixte Xaviera**

| Jour      | Heure       | Local          | Section      | Etudiant     | Titre                                                                                                                                                                                   |
|-----------|-------------|----------------|--------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 08h30-09h00 | Amphi 02 (B37) | Architecture | Paul Daumin  | Travail de fin d'études / Projet de fin d'études : Etude de l'intégration de la qualité environnementale au processus de conception architectural : concours d'étudiants d'architecture |
| 4/09/2023 | 10h15-10h45 | Amphi 02 (B37) | Architecture | Matéo Bacqué | Travail de fin d'études / Projet de fin d'études : Flood vulnerability of informal settlements in Phnom Penh                                                                            |

**Cantamessa Astrid**

| Jour      | Heure       | Local          | Section     | Etudiant        | Titre                                        |
|-----------|-------------|----------------|-------------|-----------------|----------------------------------------------|
| 5/09/2023 | 11h15-11h45 | Amphi 01 (B37) | Biomédicale | Gaëlle Sandront | Stress-strain characterization of human bone |

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**Carpentier Martin**

| Jour      | Heure       | Local     | Section    | Etudiant                | Titre                                                                     |
|-----------|-------------|-----------|------------|-------------------------|---------------------------------------------------------------------------|
| 4/09/2023 | 09h30-10h00 | R75 (B28) | Mécanicien | Benjamin Moreno Miranda | CO2 emission reduction & energy recovery in a fibreglass production plant |

**Charitos Alexandros**

| Jour       | Heure       | Local | Section          | Etudiant         | Titre                                                                                               |
|------------|-------------|-------|------------------|------------------|-----------------------------------------------------------------------------------------------------|
| 22/08/2023 | 13h00-17h00 | TP40  | Mines & géologue | Fuad Wafa Nawawi | Study of vacuum thermal treatment of galvanized steel scrap in view of optimized recycling (ULiège) |

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**Chase Geoff**

| Jour      | Heure       | Local          | Section     | Etudiant        | Titre                                                                                   |
|-----------|-------------|----------------|-------------|-----------------|-----------------------------------------------------------------------------------------|
| 5/09/2023 | 15h45-16h15 | Amphi 02 (B37) | Electricité | Julien Frambach | Machine learning methods to improve insulin sensitivity forecasting in glycemic control |

## **Christiaens Sebastien**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b>  | <b>Titre</b>                                                                                                      |
|-------------|--------------|--------------|----------------|------------------|-------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 08h00-08h30  | R18 (B28)    | Mécanicien     | Guilliam Bryndza | Preliminary Design and Development of a Behavior Planner for Cooperative Highway Merging in Self-Driving Vehicles |

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| Jour                                                                            | Heure | Local | Section      | Etudiant         | Titre                                                                            |
|---------------------------------------------------------------------------------|-------|-------|--------------|------------------|----------------------------------------------------------------------------------|
|  | DES   |       | Aérospatiale | Bastien Bontemps | Master's thesis : Freeform Optics: from mathematical description to applications |
| <hr data-bbox="0 1540 2166 1541"/>                                              |       |       |              |                  |                                                                                  |

## Collette Christophe

| Jour                                                                           | Heure     | Local       | Section     | Etudiant           | Titre                                                                         |                                                                                                                                                                    |
|--------------------------------------------------------------------------------|-----------|-------------|-------------|--------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DES       |             | Electricité | Alexandre Hannotte | Towards the use of $H^\infty$ controller synthesis for seismic active damping |                                                                                                                                                                    |
|                                                                                | 4/09/2023 | 14h30-15h00 | R7 (B28)    | Aérospatiale       | Adrien Bourguignon                                                            | Master's thesis : Improvement and validation of a robotized and autonomous experimental test bench to characterize blisks dynamics                                 |
|                                                                                | 4/09/2023 | 15h00-15h30 | R7 (B28)    | Aérospatiale       | Maxime Alves Cachapela                                                        | Master's thesis : The design (hardware and software) and simulation of the Attitude Determination and Control System (ADCS) of CubeSpec (KU Leuven future cubesat) |
|                                                                                | 4/09/2023 | 15h45-16h15 | R7 (B28)    | Aérospatiale       | Adrien Vandyck                                                                | Master's thesis : Solutions for robust control algorithm design through gain scheduling for a guided rocket                                                        |

## **Collin Frederic**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b>   | <b>Etudiant</b> | <b>Titre</b>                                                                                                                     |
|-------------|--------------|--------------|------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 11h00-11h30  | 0/429 (B52)  | Constructions    | Sophie Lanckohr | Etude des effets du séchage/humidification sur des sols argileux                                                                 |
| 5/09/2023   | 09h00-09h30  | 0/429 (B52)  | Mines & géologue | Luca Varisano   | Dimensionnement d'ouvrages d'infiltration d'eau pluviale : comparaison de différents types d'essais et méthodes d'interprétation |

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## Compere Philippe

| Jour      | Heure       | Local          | Section     | Etudiant        | Titre                                        |
|-----------|-------------|----------------|-------------|-----------------|----------------------------------------------|
| 5/09/2023 | 11h15-11h45 | Amphi 01 (B37) | Biomédicale | Gaëlle Sandront | Stress-strain characterization of human bone |

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## Cools Mario

| Jour      | Heure       | Local          | Section      | Etudiant         | Titre                                                                                                                                                                                            |
|-----------|-------------|----------------|--------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ■         | DES         |                | Architecture | Matthias Müller  | Travail de fin d'études / Projet de fin d'études : Sustainable off-grid electricity production and storage potential in residential areas                                                        |
| ■         | DES         |                | Architecture | Léa Smets        | Travail de fin d'études / Projet de fin d'études : Développement d'un outil d'aide à la prise de décision du choix structurel des parois de l'enveloppe d'un bâtiment                            |
| ■         | DES         |                | Architecture | Mathieu Taillade | Travail de fin d'études / Projet de fin d'études : Réparation/restauration d'élément en Béton du XXe siècle : l'utilisation de l'impression 3d dans les technique de conservation du patrimoine. |
| 4/09/2023 | 08h30-09h00 | Amphi 02 (B37) | Architecture | Paul Daumin      | Travail de fin d'études / Projet de fin d'études : Etude de l'intégration de la qualité environnementale au processus de conception architectural : concours d'étudiants d'architecture          |
| 4/09/2023 | 09h00-09h30 | Amphi 02 (B37) | Architecture | My-Tuyên Ngo     | Travail de fin d'études / Projet de fin d'études : La cohabitation au sein des logements intergénérationnels à Ho Chi Minh : étude du mode de vie des personnes âgées                            |
| 4/09/2023 | 09h30-10h00 | Amphi 02 (B37) | Architecture | Louise Coniasse  | Travail de fin d'études / Projet de fin d'études : Projets d'habitats groupés en autopromotion : apprendre à rêver en gardant les pieds sur terre - Analyse de 3 cas d'étude belges              |
| 4/09/2023 | 10h15-10h45 | Amphi 02 (B37) | Architecture | Matéo Bacqué     | Travail de fin d'études / Projet de fin d'études : Flood vulnerability of informal settlements in Phnom Penh                                                                                     |
| 4/09/2023 | 10h45-11h15 | Amphi 02 (B37) | Architecture | Lilas Hougardy   | Travail de fin d'études / Projet de fin d'études : Constructions sur pilotis : Étude de prédimensionnement pour des bâtiments résidentiels situés en zone d'aléa                                 |
| 4/09/2023 | 11h15-11h45 | Amphi 02 (B37) | Architecture | Manon Gourvennec | Travail de fin d'études / Projet de fin d'études : Quels liens existe t-il entre les personnalités créatives et les espaces de travail ?                                                         |

Cornelusse Bertrand

| Jour      | Heure       | Local          | Section          | Etudiant                        | Titre                                                                                                                                                                        |
|-----------|-------------|----------------|------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | DES         |                | Data Science     | Tom Ventat                      | Master Thesis : Injury risk factors identification in volleyball                                                                                                             |
|           | DES         |                | Electricité      | Simon François                  | Study and design of a communication system for untethered underwater vehicles                                                                                                |
|           | DES         |                | Electricité      | Alexandre Hannotte              | Towards the use of $H^\infty$ controller synthesis for seismic active damping                                                                                                |
| 4/09/2023 | 08h30-09h00 | R75 (B28)      | Electromécanique | Adèle Hannotte                  | Contribution to the definition of long-term energy transition scenarios in Bolivia                                                                                           |
| 4/09/2023 | 10h45-11h15 | R75 (B28)      | Electromécanique | Julien Jacquemin                | Modelling system integration in future European energy system                                                                                                                |
| 4/09/2023 | 11h45-12h15 | R21 (B28)      | Informatique     | Corentin Van Putte              | Optimisation of the deployment of electric vehicle chargers                                                                                                                  |
| 4/09/2023 | 14h00-14h30 | R21 (B28)      | Informatique     | François Straet                 | Improving the simulation of variable energy sources in the MEDEAS integrated assessment model                                                                                |
| 5/09/2023 | 10h45-11h15 | R7 (B28)       | Data Science     | Pauline Bessemans               | Master Thesis : Isolation of the electrical network of a tertiary building using renewable energy production and storage solutions and sizing of the solutions               |
| 5/09/2023 | 13h00-13h30 | Amphi 02 (B37) | Electricité      | Manon Cornet                    | Exploring the impact of the energy transition on electricity distribution systems: a journey in search of equilibrium in the game between the network operator and its users |
| 5/09/2023 | 13h30-14h00 | Amphi 02 (B37) | Electricité      | Gérôme Andry                    | Data assimilation as simulation-based inference                                                                                                                              |
| 5/09/2023 | 14h00-14h30 | Amphi 02 (B37) | Electricité      | Aurélien Bernard                | Design and performance analysis of a neuromodulable spiking recurrent cell in the context of meta reinforcement-learning                                                     |
| 5/09/2023 | 14h30-15h00 | Amphi 02 (B37) | Electricité      | Christian Fernandez Lorden      | Neuromorphic CPG for motor control                                                                                                                                           |
| 5/09/2023 | 15h00-15h30 | Amphi 02 (B37) | Electricité      | Kevin Wilfried Ngouffo Tiomatsa | Study of Rural Electrification of Kinshasa with Micro-Grids                                                                                                                  |
| 5/09/2023 | 15h45-16h15 | Amphi 02 (B37) | Electricité      | Julien Frambach                 | Machine learning methods to improve insulin sensitivity forecasting in glycemic control                                                                                      |

|           |             |                |             |              |                                                                                                 |
|-----------|-------------|----------------|-------------|--------------|-------------------------------------------------------------------------------------------------|
| 5/09/2023 | 16h15-16h45 | Amphi 02 (B37) | Electricité | Maxime Galet | Development of a laser triangulation sensor for the measurement of powder height in 3D printing |
| 5/09/2023 | 17h15-17h45 | Amphi 02 (B37) | Mécanicien  | Karim Koujou | Modelling of Charging systems for electric vehicles and assessment of charging scenarios        |

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**Courard Luc**

| Jour                                                                           | Heure       | Local       | Section       | Etudiant          | Titre                                                                                                                                                                                            |
|--------------------------------------------------------------------------------|-------------|-------------|---------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DES         |             | Architecture  | Mathieu Taillade  | Travail de fin d'études / Projet de fin d'études : Réparation/restauration d'élément en Béton du XXe siècle : l'utilisation de l'impression 3d dans les technique de conservation du patrimoine. |
| 4/09/2023                                                                      | 13h00-13h30 | 0/429 (B52) | Constructions | Charlotte Michels | Durabilité des encres cimentaires à base de sable recyclé pour l'impression 3D                                                                                                                   |

## Dall Ara Enrico

| Jour      | Heure       | Local   | Section     | Etudiant           | Titre                                                                  |
|-----------|-------------|---------|-------------|--------------------|------------------------------------------------------------------------|
| 1/09/2023 | 09h00-09h30 | + 2/433 | Biomédicale | Valentine Gaillard | Adaptation to achilles tendon insertion in human calcaneus bone sample |

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## **Dawans Stephane**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>      | <b>Section</b> | <b>Etudiant</b>  | <b>Titre</b>                                                                                                                             |
|-------------|--------------|-------------------|----------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 11h15-11h45  | Amphi 02<br>(B37) | Architecture   | Manon Gourvennec | Travail de fin d'études / Projet de fin d'études : Quels liens existe t-il entre les personnalités créatives et les espaces de travail ? |

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**De Boissieu Aurelie**

| Jour                                                                           | Heure     | Local       | Section      | Etudiant         | Titre                                                                                                                                                                                            |
|--------------------------------------------------------------------------------|-----------|-------------|--------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DES       |             | Architecture | Mathieu Taillade | Travail de fin d'études / Projet de fin d'études : Réparation/restauration d'élément en Béton du XXe siècle : l'utilisation de l'impression 3d dans les technique de conservation du patrimoine. |
|                                                                                | 4/09/2023 | 13h00-13h30 | 0/429 (B52)  | Constructions    | Charlotte Michels                                                                                                                                                                                |

**Debruyne Christophe**

| Jour                                                                           | Heure     | Local       | Section      | Etudiant     | Titre                                |                                                 |
|--------------------------------------------------------------------------------|-----------|-------------|--------------|--------------|--------------------------------------|-------------------------------------------------|
|  | DES       |             | Informatique | Loïs Fery    | Text Autocomplete System for Amanote |                                                 |
|                                                                                | 4/09/2023 | 11h15-11h45 | R21 (B28)    | Informatique | Brieuc Saille                        | Implementation of functional solution for R2RML |
|                                                                                | 5/09/2023 | 10h15-10h45 | R7 (B28)     | Data Science | Maria Andrea Liliana Gómez Herrera   | Cloud Automation and AI                         |

**Delanaye Michel**

| Jour      | Heure       | Local    | Section      | Etudiant       | Titre                                                                                                                                                                  |
|-----------|-------------|----------|--------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 17h15-17h45 | R7 (B28) | Aérospatiale | Jonathan Kozak | Master's thesis : Improving the understanding and modeling of gas foil bearings                                                                                        |
| 4/09/2023 | 18h15-18h45 | R7 (B28) | Aérospatiale | Hugo Agnello   | Master's thesis : Development of a Coupling Interface Between a High Order Discontinuous Galerkin Method and External Structural Solvers for Gas Foil Bearing Analysis |

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**Delarbre Francois**

| Jour      | Heure       | Local     | Section      | Etudiant     | Titre                                                   |
|-----------|-------------|-----------|--------------|--------------|---------------------------------------------------------|
| 5/09/2023 | 11h45-12h15 | R21 (B28) | Informatique | Tanguy Spits | Load Testing and Optimization of a Medical Data Service |

## Delaunois Yann

| Jour      | Heure       | Local          | Section     | Etudiant          | Titre                                                                                                |
|-----------|-------------|----------------|-------------|-------------------|------------------------------------------------------------------------------------------------------|
| 5/09/2023 | 09h00-09h30 | Amphi 01 (B37) | Biomédicale | Juliette Maroquin | Relationship between Microstructure and Mechanical Properties of Proximal Tibia in Rats during Aging |

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## **Dell Elce Lamberto**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b>      | <b>Titre</b>                                                                                                                 |
|-------------|--------------|--------------|----------------|----------------------|------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 17h45-18h15  | R7 (B28)     | Erasmus        | Alfonso Lainez Muñiz | Master's thesis : Solving periodic optimal control problems with a direct technique applied to Collision Avoidance Maneuvers |

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## Delrue Arnaud

| Jour      | Heure       | Local             | Section | Etudiant         | Titre                                                           |
|-----------|-------------|-------------------|---------|------------------|-----------------------------------------------------------------|
| 4/09/2023 | 09h00-09h30 | Amphi 01<br>(B37) | Chimie  | Takieddine Mouni | Rationalization and optimization of wastewater on the LDPE unit |

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**Demonceau Jean Francois**

| Jour                                                                           | Heure     | Local       | Section        | Etudiant     | Titre                                                                                           |
|--------------------------------------------------------------------------------|-----------|-------------|----------------|--------------|-------------------------------------------------------------------------------------------------|
|  | DES       |             | Constructions  | Jamil Hanna  | Development of membrane effects in reinforced concrete slab subjected to a column loss scenario |
|                                                                                | 4/09/2023 | 10h45-11h15 | Amphi 02 (B37) | Architecture | Lilas Hougardy                                                                                  |

**Desaive Thomas**

| Jour      | Heure       | Local          | Section     | Etudiant          | Titre                                                                                   |
|-----------|-------------|----------------|-------------|-------------------|-----------------------------------------------------------------------------------------|
| 5/09/2023 | 09h30-10h00 | Amphi 01 (B37) | Biomédicale | Margaryta Ivanets | Developing osteoarthritis models in mechanically loaded cartilage-on-chips              |
| 5/09/2023 | 15h45-16h15 | Amphi 02 (B37) | Electricité | Julien Frambach   | Machine learning methods to improve insulin sensitivity forecasting in glycemic control |

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## Dethier Veronique

| Jour      | Heure       | Local             | Section      | Etudiant         | Titre                                                                                                                                    |
|-----------|-------------|-------------------|--------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 11h15-11h45 | Amphi 02<br>(B37) | Architecture | Manon Gourvennec | Travail de fin d'études / Projet de fin d'études : Quels liens existe t-il entre les personnalités créatives et les espaces de travail ? |

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**Dewallef Pierre**

| Jour      | Heure       | Local     | Section          | Etudiant         | Titre                                                                              |
|-----------|-------------|-----------|------------------|------------------|------------------------------------------------------------------------------------|
| 4/09/2023 | 08h30-09h00 | R75 (B28) | Electromécanique | Adèle Hannotte   | Contribution to the definition of long-term energy transition scenarios in Bolivia |
| 4/09/2023 | 10h45-11h15 | R75 (B28) | Electromécanique | Julien Jacquemin | Modelling system integration in future European energy system                      |

**Dewals Benjamin**

| Jour                                                                           | Heure     | Local       | Section        | Etudiant      | Titre                                                                                                       |                                                                                                                                                                  |
|--------------------------------------------------------------------------------|-----------|-------------|----------------|---------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DES       |             | Constructions  | Pablo Mannoni | Inondations de juillet 2021 en Wallonie : comparaison des différentes zones inondées simulées ou modélisées |                                                                                                                                                                  |
|                                                                                | 4/09/2023 | 10h15-10h45 | Amphi 02 (B37) | Architecture  | Matéo Bacqué                                                                                                | Travail de fin d'études / Projet de fin d'études : Flood vulnerability of informal settlements in Phnom Penh                                                     |
|                                                                                | 4/09/2023 | 10h45-11h15 | Amphi 02 (B37) | Architecture  | Lilas Hougardy                                                                                              | Travail de fin d'études / Projet de fin d'études : Constructions sur pilotis : Étude de prédimensionnement pour des bâtiments résidentiels situés en zone d'aléa |
|                                                                                | 4/09/2023 | 15h00-15h30 | R75 (B28)      | Physiciens    | Damien Sansen                                                                                               | Eulerian and Lagrangian approach for the drift of floating debris in rivers                                                                                      |

## Dimitriadis Grigorios

| Jour                                                                           | Heure       | Local    | Section      | Etudiant                | Titre                                                                                                                               |
|--------------------------------------------------------------------------------|-------------|----------|--------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|  | DES         |          | Aérospatiale | Bastien Bontemps        | Master's thesis : Freeform Optics: from mathematical description to applications                                                    |
|                                                                                | DES         |          | THRUST       | Elvira Aguado Fernández | Bayesian inference of visco-elastic-visco-plastic model parameters from lattice experimental data.                                  |
|                                                                                | DES         |          | THRUST       | Elena Haro Correa       | Numerical analysis of the aerodynamic damping in a transonic axial compressor at part speed                                         |
|                                                                                | DES         |          | THRUST       | Congyao Wang            | Numerical design of a dual-flow choked nozzle based precise pressure controller for up to 1500 °C hot gas application               |
| 4/09/2023                                                                      | 08h00-08h30 | R7 (B28) | THRUST       | Belen Bonet Jara        | Modelling of a fan blade-off event for electric fan thruster                                                                        |
| 4/09/2023                                                                      | 08h30-09h00 | R7 (B28) | THRUST       | Irene Jerez Sotoca      | Modelling of Forgeing Object Damage on composite fan blades                                                                         |
| 4/09/2023                                                                      | 09h00-09h30 | R7 (B28) | THRUST       | Cristian Asensio Garcia | Aerodynamic design of a new high-loaded, low-loss nozzle guide vane for our test turbine at KTH                                     |
| 4/09/2023                                                                      | 09h30-10h00 | R7 (B28) | THRUST       | Pablo Canela Curiel     | Numerical analysis of the effect of surface roughness into the aerodynamic damping in a transonic axial compressor at nominal speed |
| 4/09/2023                                                                      | 10h15-10h45 | R7 (B28) | THRUST       | Claudio Palmese         | Numerical investigation of the influence of geometric uncertainties on transonic compressor flows                                   |
| 4/09/2023                                                                      | 10h45-11h15 | R7 (B28) | Aérospatiale | Grégoire Marichal       | Master's thesis : Multi-stage intake bird modelling                                                                                 |
| 4/09/2023                                                                      | 11h15-11h45 | R7 (B28) | Aérospatiale | Hugo Stegen             | Master's thesis : Bird gun modeling                                                                                                 |
| 4/09/2023                                                                      | 11h45-12h15 | R7 (B28) | Aérospatiale | Nicolas Dujardin        | Master's thesis : A Wall Model for LES with a Flow Transition                                                                       |
| 4/09/2023                                                                      | 13h00-13h30 | R7 (B28) | Aérospatiale | Julien Heine            | Master's thesis : Modelling and design of aerodynamic technologies for low pressure compressor stators                              |
| 4/09/2023                                                                      | 13h30-14h00 | R7 (B28) | Aérospatiale | Sacha Waltzing          | Master's thesis : Simulation of the casing treatment of a low pressure compressor                                                   |

|           |             |          |              |                        |                                                                                                                                                                        |
|-----------|-------------|----------|--------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 14h00-14h30 | R7 (B28) | Aérospatiale | Simone Marchi          | Master's thesis : Secondary flow in tandem blades                                                                                                                      |
| 4/09/2023 | 14h30-15h00 | R7 (B28) | Aérospatiale | Adrien Bourguignon     | Master's thesis : Improvement and validation of a robotized and autonomous experimental test bench to characterize blisks dynamics                                     |
| 4/09/2023 | 15h00-15h30 | R7 (B28) | Aérospatiale | Maxime Alves Cachapela | Master's thesis : The design (hardware and software) and simulation of the Attitude Determination and Control System (ADCS) of CubeSpec (KU Leuven future cubesat)     |
| 4/09/2023 | 15h45-16h15 | R7 (B28) | Aérospatiale | Adrien Vandyck         | Master's thesis : Solutions for robust control algorithm design through gain scheduling for a guided rocket                                                            |
| 4/09/2023 | 16h15-16h45 | R7 (B28) | Aérospatiale | Riccardo Majer         | Master's thesis : Orbit dynamics around asteroid bodies                                                                                                                |
| 4/09/2023 | 16h45-17h15 | R7 (B28) | Aérospatiale | Sacha Iannello         | Master's thesis : Stability analysis of a deployable origami spatial structure                                                                                         |
| 4/09/2023 | 17h15-17h45 | R7 (B28) | Aérospatiale | Jonathan Kozak         | Master's thesis : Improving the understanding and modeling of gas foil bearings                                                                                        |
| 4/09/2023 | 17h45-18h15 | R7 (B28) | Erasmus      | Alfonso Lainez Muñiz   | Master's thesis : Solving periodic optimal control problems with a direct technique applied to Collision Avoidance Maneuvers                                           |
| 4/09/2023 | 18h15-18h45 | R7 (B28) | Aérospatiale | Hugo Agnello           | Master's thesis : Development of a Coupling Interface Between a High Order Discontinuous Galerkin Method and External Structural Solvers for Gas Foil Bearing Analysis |
| 4/09/2023 | 18h45-19h15 | R7 (B28) | Erasmus      | Víctor Borlaf Nieto    | Master's thesis : Using Machine Learning algorithms to accelerate Phase-Field applied to compute microstructure evolution                                              |

| <b><u>Donnet Benoit</u></b>                                                    |              |              |                |                 |                                                                    |
|--------------------------------------------------------------------------------|--------------|--------------|----------------|-----------------|--------------------------------------------------------------------|
| <b>Jour</b>                                                                    | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                                       |
|  | DES          |              | Informatique   | Vasco Agnello   | IOAM Congestion Control                                            |
|  | DES          |              | Informatique   | Stephan Bulut   | Development of a Flutter module for ATHLETin                       |
|  | DES          |              | Informatique   | Boris Courtoy   | Anomaly detection                                                  |
|  | DES          |              | Informatique   | Barry Sajid     | Kernel Forensics                                                   |
|  | DES          |              | Informatique   | Arnaud Verlaine | N/A                                                                |
| 5/09/2023                                                                      | 09h30-10h00  | R21 (B28)    | Informatique   | Valentin Baum   | Implementing an Automatic Pointers Exercises Generator in CAFÉ 2.0 |
| 5/09/2023                                                                      | 10h00-10h30  | R21 (B28)    | Informatique   | Davy Chiem Dao  | Web portal for the Community of interpreters and translators       |
| 5/09/2023                                                                      | 10h45-11h15  | R21 (B28)    | Informatique   | Emilien Wansart | Load time memory deduplication for unikernels                      |
| 5/09/2023                                                                      | 11h15-11h45  | R21 (B28)    | Informatique   | Ionut Finta     | UX and Security improvements on connected glasses                  |
| 5/09/2023                                                                      | 11h45-12h15  | R21 (B28)    | Informatique   | Tanguy Spits    | Load Testing and Optimization of a Medical Data Service            |

**Dorbolo Stephane**

| Jour      | Heure       | Local     | Section    | Etudiant                | Titre                                                     |
|-----------|-------------|-----------|------------|-------------------------|-----------------------------------------------------------|
| 4/09/2023 | 08h30-09h00 | R18 (B28) | Physiciens | Kévin Maltez Cavalheiro | Manufacturing of a microfluidic chip for droplet trapping |

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## Drion Guillaume

| Jour      | Heure       | Local          | Section      | Etudiant                   | Titre                                                                                                                    |
|-----------|-------------|----------------|--------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 08h00-08h30 | R18 (B28)      | Mécanicien   | Guillian Bryndza           | Preliminary Design and Development of a Behavior Planner for Cooperative Highway Merging in Self-Driving Vehicles        |
| 5/09/2023 | 10h15-10h45 | Amphi 01 (B37) | Biomédicale  | Caroline Dejace            | Modeling and dynamical analysis of cortical network activity in semantic priming                                         |
| 5/09/2023 | 13h00-13h30 | R7 (B28)       | Mécanicien   | Samuel Van Hulle           | Preliminary Design of a Transverse Composite Leaf Spring for Electric Vehicles                                           |
| 5/09/2023 | 14h00-14h30 | Amphi 02 (B37) | Electricité  | Aurélien Bernard           | Design and performance analysis of a neuromodulable spiking recurrent cell in the context of meta reinforcement-learning |
| 5/09/2023 | 14h30-15h00 | Amphi 02 (B37) | Electricité  | Christian Fernandez Lorden | Neuromorphic CPG for motor control                                                                                       |
| 5/09/2023 | 16h45-17h15 | R21 (B28)      | Informatique | Clément Grodent            | Estimation of neural models from spikes                                                                                  |

## **Duchene Laurent**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b>     | <b>Titre</b>                                                                                                              |
|-------------|--------------|--------------|----------------|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 18h45-19h15  | R7 (B28)     | Erasmus        | Víctor Borlaf Nieto | Master's thesis : Using Machine Learning algorithms to accelerate Phase-Field applied to compute microstructure evolution |

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## Dumont Marie Noelle

| Jour      | Heure       | Local             | Section | Etudiant        | Titre                                                                |
|-----------|-------------|-------------------|---------|-----------------|----------------------------------------------------------------------|
| 4/09/2023 | 08h30-09h00 | Amphi 01<br>(B37) | Chimie  | Joanne Kalbusch | Study of the Energy Consumption of the Fiberglass Production Process |

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**Duysinx Pierre**

| Jour      | Heure       | Local          | Section     | Etudiant         | Titre                                                                                                             |
|-----------|-------------|----------------|-------------|------------------|-------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 08h00-08h30 | R18 (B28)      | Mécanicien  | Guillian Bryndza | Preliminary Design and Development of a Behavior Planner for Cooperative Highway Merging in Self-Driving Vehicles |
| 5/09/2023 | 13h00-13h30 | R7 (B28)       | Mécanicien  | Samuel Van Hulle | Preliminary Design of a Transverse Composite Leaf Spring for Electric Vehicles                                    |
| 5/09/2023 | 16h15-16h45 | Amphi 02 (B37) | Electricité | Maxime Galet     | Development of a laser triangulation sensor for the measurement of powder height in 3D printing                   |
| 5/09/2023 | 17h15-17h45 | Amphi 02 (B37) | Mécanicien  | Karim Koujou     | Modelling of Charging systems for electric vehicles and assessment of charging scenarios                          |

## **Elsen Catherine**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>      | <b>Section</b> | <b>Etudiant</b>  | <b>Titre</b>                                                                                                                                                                        |
|-------------|--------------|-------------------|----------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 09h00-09h30  | Amphi 02<br>(B37) | Architecture   | My-Tuyên Ngo     | Travail de fin d'études / Projet de fin d'études : La cohabitation au sein des logements intergénérationnels à Ho Chi Minh : étude du mode de vie des personnes âgées               |
| 4/09/2023   | 09h30-10h00  | Amphi 02<br>(B37) | Architecture   | Louise Coniasse  | Travail de fin d'études / Projet de fin d'études : Projets d'habitats groupés en autopromotion : apprendre à rêver en gardant les pieds sur terre - Analyse de 3 cas d'étude belges |
| 4/09/2023   | 11h15-11h45  | Amphi 02<br>(B37) | Architecture   | Manon Gourvennec | Travail de fin d'études / Projet de fin d'études : Quels liens existe t-il entre les personnalités créatives et les espaces de travail ?                                            |

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| Jour                                                                           | Heure       | Local          | Section        | Etudiant                        | Titre                                                       |                                                                                                                                                                |
|--------------------------------------------------------------------------------|-------------|----------------|----------------|---------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DES         |                | Informatique   | Kamal El Feniche                | Learning from positive and unlabeled data                   |                                                                                                                                                                |
|                                                                                | 4/09/2023   | 13h30-14h00    | R21 (B28)      | Informatique                    | Maxime Binot                                                | Benchmarking intelligent robotic grasping methods                                                                                                              |
|                                                                                | 4/09/2023   | 14h00-14h30    | R21 (B28)      | Informatique                    | François Straet                                             | Improving the simulation of variable energy sources in the MEDEAS integrated assessment model                                                                  |
|                                                                                | 5/09/2023   | 10h45-11h15    | R7 (B28)       | Data Science                    | Pauline Bessemans                                           | Master Thesis : Isolation of the electrical network of a tertiary building using renewable energy production and storage solutions and sizing of the solutions |
|                                                                                | 5/09/2023   | 14h00-14h30    | Amphi 02 (B37) | Electricité                     | Aurélien Bernard                                            | Design and performance analysis of a neuromodulable spiking recurrent cell in the context of meta reinforcement-learning                                       |
| 5/09/2023                                                                      | 15h00-15h30 | Amphi 02 (B37) | Electricité    | Kevin Wilfried Ngouffo Tiomatsa | Study of Rural Electrification of Kinshasa with Micro-Grids |                                                                                                                                                                |

**Erpicum Sebastien**

| Jour                                                                           | Heure       | Local       | Section       | Etudiant         | Titre                                                                                                       |
|--------------------------------------------------------------------------------|-------------|-------------|---------------|------------------|-------------------------------------------------------------------------------------------------------------|
|  | DES         |             | Constructions | Pablo Mannoni    | Inondations de juillet 2021 en Wallonie : comparaison des différentes zones inondées simulées ou modélisées |
| 4/09/2023                                                                      | 11h30-12h00 | 0/429 (B52) | Constructions | Joachim Heinesch | Development of a 1D model for the prediction of piano key weirs discharge capacity                          |
| 4/09/2023                                                                      | 15h00-15h30 | R75 (B28)   | Physiciens    | Damien Sansen    | Eulerian and Lagrangian approach for the drift of floating debris in rivers                                 |

## **Fava Fabio**

| Jour      | Heure       | Local       | Section          | Etudiant        | Titre                                                                                                            |
|-----------|-------------|-------------|------------------|-----------------|------------------------------------------------------------------------------------------------------------------|
| 5/09/2023 | 08h30-09h00 | 0/429 (B52) | Mines & géologue | Luca Emmanuello | Evaluation of monitored natural attenuation as a bioremediation technique of benzene in the Bois Saint-Jean site |

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**Fays Maxime**

| Jour     | Heure | Local | Section      | Etudiant    | Titre                                                                                                                         |
|----------|-------|-------|--------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|
| Report - | DES   |       | Data Science | Ludo Bissot | Master Thesis : Characterizing the performance of the SPHERE exoplanet imager at the Very Large Telescope using deep learning |

## Fontaine Pascal

| Jour                                                                           | Heure       | Local     | Section      | Etudiant          | Titre                                                                              |
|--------------------------------------------------------------------------------|-------------|-----------|--------------|-------------------|------------------------------------------------------------------------------------|
|  | DES         |           | Informatique | Justin Henrotte   | Implementing pipeling for an FPGA incarnation of the beta machine                  |
| 4/09/2023                                                                      | 08h30-09h00 | R21 (B28) | Informatique | Louis Dasnois     | Satisfiability Modulo Theories for finite domains                                  |
| 4/09/2023                                                                      | 09h00-09h30 | R21 (B28) | Informatique | Robin Coutelier   | Chronological vs. non-chronological backtracking in satisfiability modulo theories |
| 4/09/2023                                                                      | 10h45-11h15 | R21 (B28) | Informatique | Pauline Gualtieri | Implementation of Automata over Linear Orderings                                   |
| 4/09/2023                                                                      | 11h15-11h45 | R21 (B28) | Informatique | Brieuc Saille     | Implementation of functional solution for R2RML                                    |
| 5/09/2023                                                                      | 09h30-10h00 | R21 (B28) | Informatique | Valentin Baum     | Implementing an Automatic Pointers Exercises Generator in CAFÉ 2.0                 |
| 5/09/2023                                                                      | 10h45-11h15 | R21 (B28) | Informatique | Emilien Wansart   | Load time memory deduplication for unikernels                                      |

**Fonteneau Raphael**

| Jour      | Heure       | Local          | Section     | Etudiant                           | Titre                                                       |
|-----------|-------------|----------------|-------------|------------------------------------|-------------------------------------------------------------|
| 5/09/2023 | 15h00-15h30 | Amphi 02 (B37) | Electricité | Kevin Wilfried Ngouffo<br>Tiomatsa | Study of Rural Electrification of Kinshasa with Micro-Grids |

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## **Foucaud Yann**

| Jour       | Heure       | Local | Section          | Etudiant                           | Titre                                                                |
|------------|-------------|-------|------------------|------------------------------------|----------------------------------------------------------------------|
| 22/08/2023 | 13h00-17h00 | TP40  | Mines & géologue | Esteban Andres Tereucan<br>Inaipil | Testing new flotation reagents and process mineralogy study (ULiège) |

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## **Franci Alessio**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>   | <b>Section</b> | <b>Etudiant</b>            | <b>Titre</b>                                                                                                             |
|-------------|--------------|----------------|----------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 5/09/2023   | 10h15-10h45  | Amphi 01 (B37) | Biomédicale    | Caroline Dejace            | Modeling and dynamical analysis of cortical network activity in semantic priming                                         |
| 5/09/2023   | 14h00-14h30  | Amphi 02 (B37) | Electricité    | Aurélien Bernard           | Design and performance analysis of a neuromodulable spiking recurrent cell in the context of meta reinforcement-learning |
| 5/09/2023   | 14h30-15h00  | Amphi 02 (B37) | Electricité    | Christian Fernandez Lorden | Neuromorphic CPG for motor control                                                                                       |
| 5/09/2023   | 16h45-17h15  | R21 (B28)      | Informatique   | Clément Grodent            | Estimation of neural models from spikes                                                                                  |

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**Francois Bertrand**

| Jour                                                                           | Heure       | Local       | Section       | Etudiant          | Titre                                                                                                       |
|--------------------------------------------------------------------------------|-------------|-------------|---------------|-------------------|-------------------------------------------------------------------------------------------------------------|
|  | DES         |             | Constructions | Jamil Hanna       | Development of membrane effects in reinforced concrete slab subjected to a column loss scenario             |
|                                                                                | DES         |             | Constructions | Pablo Mannoni     | Inondations de juillet 2021 en Wallonie : comparaison des différentes zones inondées simulées ou modélisées |
| 4/09/2023                                                                      | 11h00-11h30 | 0/429 (B52) | Constructions | Sophie Lanckohr   | Etude des effets du séchage/humidification sur des sols argileux                                            |
| 4/09/2023                                                                      | 11h30-12h00 | 0/429 (B52) | Constructions | Joachim Heinesch  | Development of a 1D model for the prediction of piano key weirs discharge capacity                          |
| 4/09/2023                                                                      | 13h00-13h30 | 0/429 (B52) | Constructions | Charlotte Michels | Durabilité des encres cimentaires à base de sable recyclé pour l'impression 3D                              |

**Gain Gauthier**

| Jour                                                                           | Heure       | Local     | Section      | Etudiant          | Titre                                         |
|--------------------------------------------------------------------------------|-------------|-----------|--------------|-------------------|-----------------------------------------------|
|  | DES         |           | Informatique | Simon Petit       | Flutter module for Athletin                   |
|                                                                                | DES         |           | Informatique | Alex-Manuel Rosca | Integrating Flutter with Wayland              |
| 4/09/2023                                                                      | 13h00-13h30 | R21 (B28) | Informatique | Kenan Ozdemir     | ATHLETin                                      |
| 5/09/2023                                                                      | 10h45-11h15 | R21 (B28) | Informatique | Emilien Wansart   | Load time memory deduplication for unikernels |

**Gaydardzhiev Stoyan**

| Jour       | Heure       | Local                 | Section          | Etudiant                        | Titre                                                                                                                       |
|------------|-------------|-----------------------|------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 22/08/2023 | 13h00-17h00 | TP40                  | Mines & géologue | Muhammad Haseeb Aamir           | Selective recovery of Li from leaching solution coming from the processing of Lithium-Ion Batteries (ULiège)                |
| 22/08/2023 | 13h00-17h00 | TP40                  | Mines & géologue | Fuad Wafa Nawawi                | Study of vacuum thermal treatment of galvanized steel scrap in view of optimized recycling (ULiège)                         |
| 22/08/2023 | 13h00-17h00 | TP40                  | Mines & géologue | Charalampos Pouloupoulos        | Influence of the temperature variation at the slag flotation plant in Aurubis, Pirdop on copper grade and recovery (ULiège) |
| 22/08/2023 | 13h00-17h00 | TP40                  | Mines & géologue | Esteban Andres Tereucan Inaipil | Testing new flotation reagents and process mineralogy study (ULiège)                                                        |
| 5/09/2023  | 08h30-09h00 | Amphi 02 (B37)Erasmus |                  | Jon Guisasola Uriarte           | Industrialization                                                                                                           |

**Gendebien Samuel**

| Jour      | Heure       | Local          | Section          | Etudiant               | Titre                                                                                                                 |
|-----------|-------------|----------------|------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 08h00-08h30 | R75 (B28)      | Electromécanique | Anton Waltregny-Dengis | Simulations Dynamiques et Dimensionnement des Techniques Spéciales du Projet Dynamo à Angleur pour Lemaire Ingénieurs |
| 4/09/2023 | 08h30-09h00 | Amphi 01 (B37) | Chimie           | Joanne Kalbusch        | Study of the Energy Consumption of the Fiberglass Production Process                                                  |

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| Jour                                                                           | Heure | Local | Section      | Etudiant         | Titre                                                                            |
|--------------------------------------------------------------------------------|-------|-------|--------------|------------------|----------------------------------------------------------------------------------|
|  | DES   |       | Aérospatiale | Bastien Bontemps | Master's thesis : Freeform Optics: from mathematical description to applications |
| <hr data-bbox="0 1536 2166 1540"/>                                             |       |       |              |                  |                                                                                  |

**Gerard Benjamin**

| Jour      | Heure       | Local       | Section          | Etudiant      | Titre                                                                                                                            |
|-----------|-------------|-------------|------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------|
| 5/09/2023 | 09h00-09h30 | 0/429 (B52) | Mines & géologue | Luca Varisano | Dimensionnement d'ouvrages d'infiltration d'eau pluviale : comparaison de différents types d'essais et méthodes d'interprétation |

## Geris Liesbet

| Jour      | Heure       | Local          | Section     | Etudiant          | Titre                                                                                                |
|-----------|-------------|----------------|-------------|-------------------|------------------------------------------------------------------------------------------------------|
| 5/09/2023 | 09h00-09h30 | Amphi 01 (B37) | Biomédicale | Juliette Maroquin | Relationship between Microstructure and Mechanical Properties of Proximal Tibia in Rats during Aging |
| 5/09/2023 | 09h30-10h00 | Amphi 01 (B37) | Biomédicale | Margaryta Ivanets | Developing osteoarthritis models in mechanically loaded cartilage-on-chips                           |
| 5/09/2023 | 11h45-12h15 | Amphi 01 (B37) | Biomédicale | Apolline Paquay   | In vitro and in silico tools to investigate molecular actors in lymphangiogenesis                    |

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## Gerkens Guillaume

| Jour      | Heure       | Local    | Section      | Etudiant          | Titre                                                                                                                                                          |
|-----------|-------------|----------|--------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5/09/2023 | 10h45-11h15 | R7 (B28) | Data Science | Pauline Bessemans | Master Thesis : Isolation of the electrical network of a tertiary building using renewable energy production and storage solutions and sizing of the solutions |

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| Jour                                                                            | Heure | Local | Section       | Etudiant    | Titre                                                                                           |
|---------------------------------------------------------------------------------|-------|-------|---------------|-------------|-------------------------------------------------------------------------------------------------|
|  | DES   |       | Constructions | Jamil Hanna | Development of membrane effects in reinforced concrete slab subjected to a column loss scenario |

| Geurts Pierre |             |                |              |                                    |                                                                                                                                                                |
|---------------|-------------|----------------|--------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jour          | Heure       | Local          | Section      | Etudiant                           | Titre                                                                                                                                                          |
| 04/09/2023    | DES         |                | Data Science | Tom Ventat                         | Master Thesis : Injury risk factors identification in volleyball                                                                                               |
| 04/09/2023    | DES         |                | Informatique | Boris Courtoy                      | Anomaly detection                                                                                                                                              |
| 04/09/2023    | DES         |                | Informatique | Kamal El Feniche                   | Learning from positive and unlabeled data                                                                                                                      |
| 4/09/2023     | 09h30-10h00 | R21 (B28)      | Informatique | Francesco Mirisola                 | Information extraction from legal texts: Performance of different embeddings                                                                                   |
| 5/09/2023     | 08h00-08h30 | R7 (B28)       | Data Science | Corentin Merle                     | Master Thesis : A Chatbot-Driven Search Engine for Improved Data Accessibility                                                                                 |
| 5/09/2023     | 09h00-09h30 | R7 (B28)       | Data Science | Adrien Poizat                      | Master Thesis : Continuous learning churn prediction model                                                                                                     |
| 5/09/2023     | 09h30-10h00 | R7 (B28)       | Data Science | Martin Laurent                     | Master Thesis : Music Source Separation with Neural Networks                                                                                                   |
| 5/09/2023     | 10h15-10h45 | R7 (B28)       | Data Science | Maria Andrea Liliana Gómez Herrera | Cloud Automation and AI                                                                                                                                        |
| 5/09/2023     | 10h45-11h15 | R7 (B28)       | Data Science | Pauline Bessemans                  | Master Thesis : Isolation of the electrical network of a tertiary building using renewable energy production and storage solutions and sizing of the solutions |
| 5/09/2023     | 11h15-11h45 | R18 (B28)      | Physiciens   | Victor Mangeleer                   | Ocean parameterizations in an idealized model using machine learning                                                                                           |
| 5/09/2023     | 11h45-12h15 | Amphi 01 (B37) | Biomédicale  | Apolline Paquay                    | In vitro and in silico tools to investigate molecular actors in lymphangiogenesis                                                                              |
| 5/09/2023     | 13h30-14h00 | Amphi 02 (B37) | Electricité  | Gérôme Andry                       | Data assimilation as simulation-based inference                                                                                                                |
| 5/09/2023     | 14h00-14h30 | R7 (B28)       | Data Science | Yassine Maziane                    | Master Thesis : Exploring latent structure in diffusion models                                                                                                 |
| 5/09/2023     | 14h30-15h00 | R7 (B28)       | Data Science | Guillaume Ploumen                  | Master Thesis : 3D Alignment using Point Pair Features                                                                                                         |

|                                                                                          |             |          |              |                |                                                                                                                               |
|------------------------------------------------------------------------------------------|-------------|----------|--------------|----------------|-------------------------------------------------------------------------------------------------------------------------------|
| 5/09/2023                                                                                | 15h00-15h30 | R7 (B28) | Data Science | Thibaut Doxins | Master Thesis : Powder bed monitoring with deep learning                                                                      |
|  Report - | DES         |          | Data Science | Ludo Bissot    | Master Thesis : Characterizing the performance of the SPHERE exoplanet imager at the Very Large Telescope using deep learning |

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**Geuzaine Christophe**

| Jour      | Heure       | Local     | Section    | Etudiant    | Titre                                                                     |
|-----------|-------------|-----------|------------|-------------|---------------------------------------------------------------------------|
| 4/09/2023 | 10h15-10h45 | R18 (B28) | Physiciens | Tim Gabriel | Acceleration of Frequency-Domain Full Wave Inversion through Krylov Reuse |

Gilet Tristan

| Jour      | Heure       | Local          | Section     | Etudiant                    | Titre                                                                                                                                                |
|-----------|-------------|----------------|-------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | DES         |                | Electricité | Simon François              | Study and design of a communication system for untethered underwater vehicles                                                                        |
|           | DES         |                | Mécanicien  | Marwa Rayane                | Travail de fin d'études :                                                                                                                            |
| 1/09/2023 | 09h00-09h30 | R18 (B28)      | Physiciens  | Valentin Vanraes            | Physical model and sensitivity analysis of volume metering in centrifugal microfluidics                                                              |
| 4/09/2023 | 08h00-08h30 | R18 (B28)      | Mécanicien  | Guillian Bryndza            | Preliminary Design and Development of a Behavior Planner for Cooperative Highway Merging in Self-Driving Vehicles                                    |
| 4/09/2023 | 08h30-09h00 | R18 (B28)      | Physiciens  | Kévin Maltez Cavalheiro     | Manufacturing of a microfluidic chip for droplet trapping                                                                                            |
| 4/09/2023 | 09h00-09h30 | R75 (B28)      | Mécanicien  | Marine Carpio Marino        | Modelling of the thermal behaviour of a high performance 2-speed-AMT transmission for Electric Vehicles and Characterisation of its water/oil cooler |
| 4/09/2023 | 09h30-10h00 | R75 (B28)      | Mécanicien  | Benjamin Moreno Miranda     | CO2 emission reduction & energy recovery in a fibreglass production plant                                                                            |
| 4/09/2023 | 10h15-10h45 | R75 (B28)      | Mécanicien  | Armand Paulin Yotat Ngandou | Étude d'un four-sécheur de sable de quartz en vue de son remplacement : étude des technologies, des processus et optimisation énergétique            |
| 4/09/2023 | 15h00-15h30 | R75 (B28)      | Physiciens  | Damien Sansen               | Eulerian and Lagrangian approach for the drift of floating debris in rivers                                                                          |
| 5/09/2023 | 13h00-13h30 | R7 (B28)       | Mécanicien  | Samuel Van Hulle            | Preliminary Design of a Transverse Composite Leaf Spring for Electric Vehicles                                                                       |
| 5/09/2023 | 17h15-17h45 | Amphi 02 (B37) | Mécanicien  | Karim Koujou                | Modelling of Charging systems for electric vehicles and assessment of charging scenarios                                                             |

**Glodic Nenad**

| Jour                                                                           | Heure     | Local       | Section  | Etudiant          | Titre                                                                                       |                                                              |
|--------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------|
|  | DES       |             | THRUST   | Elena Haro Correa | Numerical analysis of the aerodynamic damping in a transonic axial compressor at part speed |                                                              |
|                                                                                | 4/09/2023 | 08h00-08h30 | R7 (B28) | THRUST            | Belen Bonet Jara                                                                            | Modelling of a fan blade-off event for electric fan thruster |
|                                                                                | 4/09/2023 | 08h30-09h00 | R7 (B28) | THRUST            | Irene Jerez Sotoca                                                                          | Modelling of Forgeing Object Damage on composite fan blades  |

| Jour | Heure | Local | Section       | Etudiant    | Titre                                                                                           |
|------|-------|-------|---------------|-------------|-------------------------------------------------------------------------------------------------|
|      | DES   |       | Constructions | Jamil Hanna | Development of membrane effects in reinforced concrete slab subjected to a column loss scenario |

**Grefe Nathan**

| Jour      | Heure       | Local    | Section      | Etudiant          | Titre                                                  |
|-----------|-------------|----------|--------------|-------------------|--------------------------------------------------------|
| 5/09/2023 | 14h30-15h00 | R7 (B28) | Data Science | Guillaume Ploumen | Master Thesis : 3D Alignment using Point Pair Features |

## **Habraken Anne**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b>     | <b>Titre</b>                                                                                                              |
|-------------|--------------|--------------|----------------|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 18h45-19h15  | R7 (B28)     | Erasmus        | Víctor Borlaf Nieto | Master's thesis : Using Machine Learning algorithms to accelerate Phase-Field applied to compute microstructure evolution |

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**Habraken Serge**



**Jour**

**Heure**

**Local**

**Section**

**Etudiant**

**Titre**

DES

Aérospatiale

Bastien Bontemps

Master's thesis : Freeform Optics: from mathematical description to applications

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## **Habran Simon**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>      | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                                         |
|-------------|--------------|-------------------|----------------|-----------------|----------------------------------------------------------------------|
| 4/09/2023   | 08h30-09h00  | Amphi 01<br>(B37) | Chimie         | Joanne Kalbusch | Study of the Energy Consumption of the Fiberglass Production Process |

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## Haesbroeck Gentiane

| Jour      | Heure       | Local    | Section      | Etudiant      | Titre                                                      |
|-----------|-------------|----------|--------------|---------------|------------------------------------------------------------|
| 5/09/2023 | 09h00-09h30 | R7 (B28) | Data Science | Adrien Poizat | Master Thesis : Continuous learning churn prediction model |

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## Haseneder Roland

| Jour       | Heure       | Local | Section          | Etudiant              | Titre                                                                                                        |
|------------|-------------|-------|------------------|-----------------------|--------------------------------------------------------------------------------------------------------------|
| 22/08/2023 | 13h00-17h00 | TP40  | Mines & géologue | Muhammad Haseeb Aamir | Selective recovery of Li from leaching solution coming from the processing of Lithium-Ion Batteries (ULiège) |

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## **Hatert Frederic**

| Jour      | Heure       | Local       | Section          | Etudiant     | Titre                                                                                                                                               |
|-----------|-------------|-------------|------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 5/09/2023 | 17h00-17h30 | 0/429 (B52) | Mines & géologue | Laura Lenoir | Développement d'une méthodologie pour la caractérisation du graphite natif dans un minerai d'or (Kittilä) par un système de minéralogie automatisée |

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## Heinrichs Benoit

| Jour      | Heure       | Local             | Section | Etudiant        | Titre                                                                      |
|-----------|-------------|-------------------|---------|-----------------|----------------------------------------------------------------------------|
| 4/09/2023 | 10h45-11h15 | Amphi 01<br>(B37) | Chimie  | François Radoux | Study of corrosion on PVD coated current collectors in lithium-ion battery |

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## **Herbillon Gilles**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b>      | <b>Titre</b>                                                                                                                                         |
|-------------|--------------|--------------|----------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 09h00-09h30  | R75 (B28)    | Mécanicien     | Marine Carpio Marino | Modelling of the thermal behaviour of a high performance 2-speed-AMT transmission for Electric Vehicles and Characterisation of its water/oil cooler |

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## **Hickel Stefan**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b>  | <b>Titre</b>                                                  |
|-------------|--------------|--------------|----------------|------------------|---------------------------------------------------------------|
| 4/09/2023   | 11h45-12h15  | R7 (B28)     | Aérospatiale   | Nicolas Dujardin | Master's thesis : A Wall Model for LES with a Flow Transition |

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## Hillewaert Koen

| Jour      | Heure       | Local    | Section      | Etudiant                | Titre                                                                                                                                                                  |
|-----------|-------------|----------|--------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ■         | DES         |          | Physiciens   | Zakaria Boualem         | Shock stabilisation techniques for Large Eddy Simulations using the high order Discontinuous Galerkin method                                                           |
|           | DES         |          | THRUST       | Elena Haro Correa       | Numerical analysis of the aerodynamic damping in a transonic axial compressor at part speed                                                                            |
| 4/09/2023 | 09h00-09h30 | R7 (B28) | THRUST       | Cristian Asensio Garcia | Aerodynamic design of a new high-loaded, low-loss nozzle guide vane for our test turbine at KTH                                                                        |
| 4/09/2023 | 09h30-10h00 | R7 (B28) | THRUST       | Pablo Canela Curiel     | Numerical analysis of the effect of surface roughness into the aerodynamic damping in a transonic axial compressor at nominal speed                                    |
| 4/09/2023 | 10h15-10h45 | R7 (B28) | THRUST       | Claudio Palmese         | Numerical investigation of the influence of geometric uncertainties on transonic compressor flows                                                                      |
| 4/09/2023 | 11h15-11h45 | R7 (B28) | Aérospatiale | Hugo Stegen             | Master's thesis : Bird gun modeling                                                                                                                                    |
| 4/09/2023 | 11h45-12h15 | R7 (B28) | Aérospatiale | Nicolas Dujardin        | Master's thesis : A Wall Model for LES with a Flow Transition                                                                                                          |
| 4/09/2023 | 13h00-13h30 | R7 (B28) | Aérospatiale | Julien Heine            | Master's thesis : Modelling and design of aerodynamic technologies for low pressure compressor stators                                                                 |
| 4/09/2023 | 13h30-14h00 | R7 (B28) | Aérospatiale | Sacha Waltzing          | Master's thesis : Simulation of the casing treatment of a low pressure compressor                                                                                      |
| 4/09/2023 | 14h00-14h30 | R7 (B28) | Aérospatiale | Simone Marchi           | Master's thesis : Secondary flow in tandem blades                                                                                                                      |
| 4/09/2023 | 17h15-17h45 | R7 (B28) | Aérospatiale | Jonathan Kozak          | Master's thesis : Improving the understanding and modeling of gas foil bearings                                                                                        |
| 4/09/2023 | 18h15-18h45 | R7 (B28) | Aérospatiale | Hugo Agnello            | Master's thesis : Development of a Coupling Interface Between a High Order Discontinuous Galerkin Method and External Structural Solvers for Gas Foil Bearing Analysis |

**Hubert Julien**

| Jour                                                                           | Heure     | Local       | Section      | Etudiant         | Titre                                                                                                                                                                                            |
|--------------------------------------------------------------------------------|-----------|-------------|--------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DES       |             | Architecture | Mathieu Taillade | Travail de fin d'études / Projet de fin d'études : Réparation/restauration d'élément en Béton du XXe siècle : l'utilisation de l'impression 3d dans les technique de conservation du patrimoine. |
|                                                                                | 4/09/2023 | 13h00-13h30 | 0/429 (B52)  | Constructions    | Charlotte Michels                                                                                                                                                                                |

**Huynh Thu Van Anh**

| Jour                                                                           | Heure       | Local     | Section      | Etudiant         | Titre                                                                          |
|--------------------------------------------------------------------------------|-------------|-----------|--------------|------------------|--------------------------------------------------------------------------------|
|  | DES         |           | Informatique | Boris Courtoy    | Anomaly detection                                                              |
|                                                                                | DES         |           | Informatique | Kamal El Feniche | Learning from positive and unlabeled data                                      |
|                                                                                | DES         |           | Informatique | Loïs Fery        | Text Autocomplete System for Amanote                                           |
| 4/09/2023                                                                      | 10h15-10h45 | R21 (B28) | Informatique | Lize Pirene      | Graph Neural Networks for Physical Models of Collective Cell Migration         |
| 5/09/2023                                                                      | 08h00-08h30 | R7 (B28)  | Data Science | Corentin Merle   | Master Thesis : A Chatbot-Driven Search Engine for Improved Data Accessibility |
| 5/09/2023                                                                      | 11h15-11h45 | R18 (B28) | Physiciens   | Victor Mangeleer | Ocean parameterizations in an idealized model using machine learning           |

**Ittoo Ashwin**

| Jour                                                                           | Heure     | Local       | Section      | Etudiant     | Titre                                |                                                                                |
|--------------------------------------------------------------------------------|-----------|-------------|--------------|--------------|--------------------------------------|--------------------------------------------------------------------------------|
|  | DES       |             | Informatique | Loïs Fery    | Text Autocomplete System for Amanote |                                                                                |
|                                                                                | 4/09/2023 | 09h30-10h00 | R21 (B28)    | Informatique | Francesco Mirisola                   | Information extraction from legal texts: Performance of different embeddings   |
|                                                                                | 5/09/2023 | 08h00-08h30 | R7 (B28)     | Data Science | Corentin Merle                       | Master Thesis : A Chatbot-Driven Search Engine for Improved Data Accessibility |

## Jansson Nils

| Jour       | Heure       | Local | Section          | Etudiant     | Titre                                                                                                             |
|------------|-------------|-------|------------------|--------------|-------------------------------------------------------------------------------------------------------------------|
| 22/08/2023 | 13h00-17h00 | TP40  | Mines & géologue | Ivan Vujevic | Process-oriented ore-body characterization of the Ag-polymetallic Rupice Deposit, Bosnia and Herzegovina (ULiège) |

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| Jour                                                                            | Heure | Local | Section       | Etudiant    | Titre                                                                                           |
|---------------------------------------------------------------------------------|-------|-------|---------------|-------------|-------------------------------------------------------------------------------------------------|
|  | DES   |       | Constructions | Jamil Hanna | Development of membrane effects in reinforced concrete slab subjected to a column loss scenario |

## Job Nathalie

| Jour      | Heure       | Local          | Section | Etudiant              | Titre                                                                                                 |
|-----------|-------------|----------------|---------|-----------------------|-------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 10h45-11h15 | Amphi 01 (B37) | Chimie  | François Radoux       | Study of corrosion on PVD coated current collectors in lithium-ion battery                            |
| 5/09/2023 | 08h00-08h30 | Amphi 02 (B37) | Chimie  | Charles Ledent        | Influence of hydrated lime microstructure on their efficiency to react with acidic gases (SO2 mainly) |
| 5/09/2023 | 08h30-09h00 | Amphi 02 (B37) | Erasmus | Jon Guisasola Uriarte | Industrialization                                                                                     |

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## Jovanova Jovana

| Jour      | Heure       | Local    | Section      | Etudiant       | Titre                                                                          |
|-----------|-------------|----------|--------------|----------------|--------------------------------------------------------------------------------|
| 4/09/2023 | 16h45-17h15 | R7 (B28) | Aérospatiale | Sacha Iannello | Master's thesis : Stability analysis of a deployable origami spatial structure |

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## **Kaux Jean Francois**

| Jour      | Heure       | Local   | Section     | Etudiant           | Titre                                                                  |
|-----------|-------------|---------|-------------|--------------------|------------------------------------------------------------------------|
| 1/09/2023 | 09h00-09h30 | + 2/433 | Biomédicale | Valentine Gaillard | Adaptation to achilles tendon insertion in human calcaneus bone sample |

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**Kerschen Gaetan**

| Jour      | Heure       | Local    | Section      | Etudiant               | Titre                                                                                                                                                              |
|-----------|-------------|----------|--------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 14h30-15h00 | R7 (B28) | Aérospatiale | Adrien Bourguignon     | Master's thesis : Improvement and validation of a robotized and autonomous experimental test bench to characterize blisks dynamics                                 |
| 4/09/2023 | 15h00-15h30 | R7 (B28) | Aérospatiale | Maxime Alves Cachapela | Master's thesis : The design (hardware and software) and simulation of the Attitude Determination and Control System (ADCS) of CubeSpec (KU Leuven future cubesat) |
| 4/09/2023 | 15h45-16h15 | R7 (B28) | Aérospatiale | Adrien Vandyck         | Master's thesis : Solutions for robust control algorithm design through gain scheduling for a guided rocket                                                        |
| 4/09/2023 | 16h15-16h45 | R7 (B28) | Aérospatiale | Riccardo Majer         | Master's thesis : Orbit dynamics around asteroid bodies                                                                                                            |
| 4/09/2023 | 17h45-18h15 | R7 (B28) | Erasmus      | Alfonso Lainez Muñiz   | Master's thesis : Solving periodic optimal control problems with a direct technique applied to Collision Avoidance Maneuvers                                       |

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## Klausmann Fabian

| Jour      | Heure       | Local    | Section | Etudiant        | Titre                                                                                             |
|-----------|-------------|----------|---------|-----------------|---------------------------------------------------------------------------------------------------|
| 4/09/2023 | 10h15-10h45 | R7 (B28) | THRUST  | Claudio Palmese | Numerical investigation of the influence of geometric uncertainties on transonic compressor flows |

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## Kose Ayse

| Jour      | Heure       | Local          | Section     | Etudiant          | Titre                                                                      |
|-----------|-------------|----------------|-------------|-------------------|----------------------------------------------------------------------------|
| 5/09/2023 | 09h30-10h00 | Amphi 01 (B37) | Biomédicale | Margaryta Ivanets | Developing osteoarthritis models in mechanically loaded cartilage-on-chips |

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## Lambert Fanny

| Jour       | Heure       | Local | Section          | Etudiant              | Titre                                                                                                        |
|------------|-------------|-------|------------------|-----------------------|--------------------------------------------------------------------------------------------------------------|
| 22/08/2023 | 13h00-17h00 | TP40  | Mines & géologue | Muhammad Haseeb Aamir | Selective recovery of Li from leaching solution coming from the processing of Lithium-Ion Batteries (ULiège) |

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## **Lambert Stephanie**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>   | <b>Section</b> | <b>Etudiant</b>           | <b>Titre</b>                                                                                          |
|-------------|--------------|----------------|----------------|---------------------------|-------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 11h15-11h45  | Amphi 01 (B37) | Chimie         | Mohamad Wael Al Sayed     | A Survey of Rheological and Drying Properties for Wastewater Sudges in The Region of Liege            |
| 4/09/2023   | 11h45-12h15  | Amphi 01 (B37) | Chimie         | Jules George Zankia Kenzo | Développement de filtres pour le traitement biologique des eaux récréatives                           |
| 5/09/2023   | 08h00-08h30  | Amphi 02 (B37) | Chimie         | Charles Ledent            | Influence of hydrated lime microstructure on their efficiency to react with acidic gases (SO2 mainly) |

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## **Leclere Nicolas**

| Jour      | Heure       | Local    | Section      | Etudiant       | Titre                                                   |
|-----------|-------------|----------|--------------|----------------|---------------------------------------------------------|
| 4/09/2023 | 16h15-16h45 | R7 (B28) | Aérospatiale | Riccardo Majer | Master's thesis : Orbit dynamics around asteroid bodies |

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| Jour                                                                           | Heure       | Local     | Section      | Etudiant                           | Titre                                                                                                 |
|--------------------------------------------------------------------------------|-------------|-----------|--------------|------------------------------------|-------------------------------------------------------------------------------------------------------|
|  | DES         |           | Informatique | Vasco Agnello                      | IOAM Congestion Control                                                                               |
|                                                                                | DES         |           | Informatique | Stephan Bulut                      | Development of a Flutter module for ATHLETin                                                          |
|                                                                                | DES         |           | Informatique | Simon Petit                        | Flutter module for Athletin                                                                           |
|                                                                                | DES         |           | Informatique | Alex-Manuel Rosca                  | Integrating Flutter with Wayland                                                                      |
| 4/09/2023                                                                      | 13h00-13h30 | R21 (B28) | Informatique | Kenan Ozdemir                      | ATHLETin                                                                                              |
| 4/09/2023                                                                      | 14h30-15h00 | R21 (B28) | Informatique | Xavier Dupont                      | Real-time transcoding and storage of a low bandwidth multi-video stream for efficient replay browsing |
| 5/09/2023                                                                      | 10h15-10h45 | R7 (B28)  | Data Science | Maria Andrea Liliana Gómez Herrera | Cloud Automation and AI                                                                               |
| 5/09/2023                                                                      | 11h45-12h15 | R21 (B28) | Informatique | Tanguy Spits                       | Load Testing and Optimization of a Medical Data Service                                               |

**Lemort Vincent**

| Jour                                                                           | Heure       | Local     | Section          | Etudiant                    | Titre                                                                                                                                                |
|--------------------------------------------------------------------------------|-------------|-----------|------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DES         |           | Electromécanique | Basil Himbert               | Le stockage énergétique de masse dans des anciennes ardoisières                                                                                      |
| 4/09/2023                                                                      | 08h00-08h30 | R75 (B28) | Electromécanique | Anton Waltregny-Dengis      | Simulations Dynamiques et Dimensionnement des Techniques Spéciales du Projet Dynamo à Angleur pour Lemaire Ingénieurs                                |
| 4/09/2023                                                                      | 08h30-09h00 | R75 (B28) | Electromécanique | Adèle Hannotte              | Contribution to the definition of long-term energy transition scenarios in Bolivia                                                                   |
| 4/09/2023                                                                      | 09h00-09h30 | R75 (B28) | Mécanicien       | Marine Carpio Marino        | Modelling of the thermal behaviour of a high performance 2-speed-AMT transmission for Electric Vehicles and Characterisation of its water/oil cooler |
| 4/09/2023                                                                      | 09h30-10h00 | R75 (B28) | Mécanicien       | Benjamin Moreno Miranda     | CO2 emission reduction & energy recovery in a fibreglass production plant                                                                            |
| 4/09/2023                                                                      | 10h15-10h45 | R75 (B28) | Mécanicien       | Armand Paulin Yotat Ngandou | Étude d'un four-sécheur de sable de quartz en vue de son remplacement : étude des technologies, des processus et optimisation énergétique            |
| 4/09/2023                                                                      | 10h45-11h15 | R75 (B28) | Electromécanique | Julien Jacquemin            | Modelling system integration in future European energy system                                                                                        |
| 4/09/2023                                                                      | 11h15-11h45 | R75 (B28) | Electromécanique | Elise Neven                 | two-phase expanders                                                                                                                                  |

## Leonard Alexandre

| Jour      | Heure       | Local          | Section | Etudiant       | Titre                                                                                                 |
|-----------|-------------|----------------|---------|----------------|-------------------------------------------------------------------------------------------------------|
| 5/09/2023 | 08h00-08h30 | Amphi 02 (B37) | Chimie  | Charles Ledent | Influence of hydrated lime microstructure on their efficiency to react with acidic gases (SO2 mainly) |

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Leonard Angelique

| Jour       | Heure       | Local          | Section    | Etudiant                     | Titre                                                                                                                          |
|------------|-------------|----------------|------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 30/08/2023 | DES         |                | Chimie     | Cristian Andres Cano Benitez | Leaching of antimony from complex Sb-bearing matrices by hydrometallurgy                                                       |
|            |             |                |            |                              |                                                                                                                                |
|            |             |                |            |                              |                                                                                                                                |
| 30/08/2023 | 13h00-16h00 | R75 (B28)      | Chimie     | Smriti Anand Jha             | Selective recovery of graphite from the hydrometallurgical processing of Lithium Ion Batteries                                 |
| 30/08/2023 | 13h00-16h00 | R75 (B28)      | Chimie     | Akash Singh                  | Urban Mining: A Systematic Approach to Separate Valuable Metals by Solvent Extraction                                          |
| 4/09/2023  | 08h00-08h30 | Amphi 01 (B37) | Chimie     | Proneet Ghosh                | Investigation on Solvent degradation of MEA due to presence of SOx & NOx in Carbon Capture, Utilization and Storage technology |
| 4/09/2023  | 08h30-09h00 | Amphi 01 (B37) | Chimie     | Joanne Kalbusch              | Study of the Energy Consumption of the Fiberglass Production Process                                                           |
| 4/09/2023  | 09h00-09h30 | Amphi 01 (B37) | Chimie     | Takieddine Mouni             | Rationalization and optimization of wastewater on the LDPE unit                                                                |
| 4/09/2023  | 09h30-10h00 | R75 (B28)      | Mécanicien | Benjamin Moreno Miranda      | CO2 emission reduction & energy recovery in a fibreglass production plant                                                      |
| 4/09/2023  | 10h15-10h45 | Amphi 01 (B37) | Chimie     | Cristina Gonzalez Vargas     | Development of antibacterial filters for the treatment of process water.                                                       |
| 4/09/2023  | 10h45-11h15 | Amphi 01 (B37) | Chimie     | François Radoux              | Study of corrosion on PVD coated current collectors in lithium-ion battery                                                     |
| 4/09/2023  | 11h15-11h45 | Amphi 01 (B37) | Chimie     | Mohamad Wael Al Sayed        | A Survey of Rheological and Drying Properties for Wastewater Sudges in The Region of Liege                                     |
| 4/09/2023  | 11h45-12h15 | Amphi 01 (B37) | Chimie     | Jules George Zankia Kenzo    | Développement de filtres pour le traitement biologique des eaux récréatives                                                    |
| 4/09/2023  | 12h15-12h45 | Amphi 01 (B37) | Chimie     | Cristian David Gomez Lozano  | Study of mass-transfer kinetics for reactive extraction of neodymium magnets scrap                                             |
| 5/09/2023  | 08h00-08h30 | Amphi 02 (B37) | Chimie     | Charles Ledent               | Influence of hydrated lime microstructure on their efficiency to react with acidic gases (SO2 mainly)                          |
| 5/09/2023  | 08h30-09h00 | Amphi 02 (B37) | Erasmus    | Jon Guisasola Uriarte        | Industrialization                                                                                                              |



Leonard Angélique

| Jour                                                                           | Heure       | Local          | Section    | Etudiant                     | Titre                                                                                                                          |
|--------------------------------------------------------------------------------|-------------|----------------|------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | DES         |                | Chimie     | Cristian Andres Cano Benitez | Leaching of antimony from complex Sb-bearing matrices by hydrometallurgy                                                       |
|                                                                                |             |                |            |                              |                                                                                                                                |
|                                                                                |             |                |            |                              |                                                                                                                                |
| 30/08/2023                                                                     | 13h00-16h00 | R75 (B28)      | Chimie     | Smriti Anand Jha             | Selective recovery of graphite from the hydrometallurgical processing of Lithium Ion Batteries                                 |
| 30/08/2023                                                                     | 13h00-16h00 | R75 (B28)      | Chimie     | Akash Singh                  | Urban Mining: A Systematic Approach to Separate Valuable Metals by Solvent Extraction                                          |
| 4/09/2023                                                                      | 08h00-08h30 | Amphi 01 (B37) | Chimie     | Proneet Ghosh                | Investigation on Solvent degradation of MEA due to presence of SOx & NOx in Carbon Capture, Utilization and Storage technology |
| 4/09/2023                                                                      | 08h30-09h00 | Amphi 01 (B37) | Chimie     | Joanne Kalbusch              | Study of the Energy Consumption of the Fiberglass Production Process                                                           |
| 4/09/2023                                                                      | 09h00-09h30 | Amphi 01 (B37) | Chimie     | Takieddine Mouni             | Rationalization and optimization of wastewater on the LDPE unit                                                                |
| 4/09/2023                                                                      | 09h30-10h00 | R75 (B28)      | Mécanicien | Benjamin Moreno Miranda      | CO2 emission reduction & energy recovery in a fibreglass production plant                                                      |
| 4/09/2023                                                                      | 10h15-10h45 | Amphi 01 (B37) | Chimie     | Cristina Gonzalez Vargas     | Development of antibacterial filters for the treatment of process water.                                                       |
| 4/09/2023                                                                      | 10h45-11h15 | Amphi 01 (B37) | Chimie     | François Radoux              | Study of corrosion on PVD coated current collectors in lithium-ion battery                                                     |
| 4/09/2023                                                                      | 11h15-11h45 | Amphi 01 (B37) | Chimie     | Mohamad Wael Al Sayed        | A Survey of Rheological and Drying Properties for Wastewater Sdges in The Region of Liege                                      |
| 4/09/2023                                                                      | 11h45-12h15 | Amphi 01 (B37) | Chimie     | Jules George Zankia Kenzo    | Développement de filtres pour le traitement biologique des eaux récréatives                                                    |
| 4/09/2023                                                                      | 12h15-12h45 | Amphi 01 (B37) | Chimie     | Cristian David Gomez Lozano  | Study of mass-transfer kinetics for reactive extraction of neodymium magnets scrap                                             |
| 5/09/2023                                                                      | 08h00-08h30 | Amphi 02 (B37) | Chimie     | Charles Ledent               | Influence of hydrated lime microstructure on their efficiency to react with acidic gases (SO2 mainly)                          |
| 5/09/2023                                                                      | 08h30-09h00 | Amphi 02 (B37) | Erasmus    | Jon Guisasola Uriarte        | Industrialization                                                                                                              |



## **Leonard Gregoire**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>   | <b>Section</b> | <b>Etudiant</b>             | <b>Titre</b>                                                                                                                              |
|-------------|--------------|----------------|----------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 08h30-09h00  | Amphi 01 (B37) | Chimie         | Joanne Kalbusch             | Study of the Energy Consumption of the Fiberglass Production Process                                                                      |
| 4/09/2023   | 09h00-09h30  | Amphi 01 (B37) | Chimie         | Takieddine Mouni            | Rationalization and optimization of wastewater on the LDPE unit                                                                           |
| 4/09/2023   | 09h30-10h00  | R75 (B28)      | Mécanicien     | Benjamin Moreno Miranda     | CO2 emission reduction & energy recovery in a fibreglass production plant                                                                 |
| 4/09/2023   | 10h15-10h45  | R75 (B28)      | Mécanicien     | Armand Paulin Yotat Ngandou | Étude d'un four-sécheur de sable de quartz en vue de son remplacement : étude des technologies, des processus et optimisation énergétique |

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## **Lizin Sandra**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>      | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                                                                                                                                     |
|-------------|--------------|-------------------|----------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 10h45-11h15  | Amphi 02<br>(B37) | Architecture   | Lilas Hougardy  | Travail de fin d'études / Projet de fin d'études : Constructions sur pilotis : Étude de prédimensionnement pour des bâtiments résidentiels situés en zone d'aléa |

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## Loicq Jerome

| Jour      | Heure       | Local    | Section      | Etudiant       | Titre                                                                          |
|-----------|-------------|----------|--------------|----------------|--------------------------------------------------------------------------------|
| 4/09/2023 | 16h45-17h15 | R7 (B28) | Aérospatiale | Sacha Iannello | Master's thesis : Stability analysis of a deployable origami spatial structure |

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## Lorgouilloux Marion

| Jour      | Heure       | Local          | Section | Etudiant       | Titre                                                                                                 |
|-----------|-------------|----------------|---------|----------------|-------------------------------------------------------------------------------------------------------|
| 5/09/2023 | 08h00-08h30 | Amphi 02 (B37) | Chimie  | Charles Ledent | Influence of hydrated lime microstructure on their efficiency to react with acidic gases (SO2 mainly) |

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**Loupe Gilles**

| Jour                           | Heure       | Local          | Section      | Etudiant           | Titre                                                                                                                         |
|--------------------------------|-------------|----------------|--------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023                      | 09h30-10h00 | R21 (B28)      | Informatique | Francesco Mirisola | Information extraction from legal texts: Performance of different embeddings                                                  |
| 4/09/2023                      | 10h15-10h45 | R21 (B28)      | Informatique | Lize Pirene        | Graph Neural Networks for Physical Models of Collective Cell Migration                                                        |
| 5/09/2023                      | 09h30-10h00 | R7 (B28)       | Data Science | Martin Laurent     | Master Thesis : Music Source Separation with Neural Networks                                                                  |
| 5/09/2023                      | 11h15-11h45 | R18 (B28)      | Physiciens   | Victor Mangeleer   | Ocean parameterizations in an idealized model using machine learning                                                          |
| 5/09/2023                      | 13h30-14h00 | Amphi 02 (B37) | Electricité  | Gérôme Andry       | Data assimilation as simulation-based inference                                                                               |
| 5/09/2023                      | 14h00-14h30 | R7 (B28)       | Data Science | Yassine Maziane    | Master Thesis : Exploring latent structure in diffusion models                                                                |
| 5/09/2023                      | 15h45-16h15 | Amphi 02 (B37) | Electricité  | Julien Frambach    | Machine learning methods to improve insulin sensitivity forecasting in glycemic control                                       |
| 5/09/2023                      | 16h45-17h15 | R21 (B28)      | Informatique | Clément Grodent    | Estimation of neural models from spikes                                                                                       |
| <div><div></div>Report -</div> | DES         |                | Data Science | Ludo Bissot        | Master Thesis : Characterizing the performance of the SPHERE exoplanet imager at the Very Large Telescope using deep learning |

**Louveaux Quentin**

| Jour                                                                           | Heure       | Local          | Section      | Etudiant     | Titre                                                                                                                                                                        |                                                                                                                                                                |
|--------------------------------------------------------------------------------|-------------|----------------|--------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DES         |                | Informatique | Simon Petit  | Flutter module for Athletin                                                                                                                                                  |                                                                                                                                                                |
|                                                                                | 4/09/2023   | 11h15-11h45    | R21 (B28)    | Informatique | Brieuc Saille                                                                                                                                                                | Implementation of functional solution for R2RML                                                                                                                |
|                                                                                | 4/09/2023   | 11h45-12h15    | R21 (B28)    | Informatique | Corentin Van Putte                                                                                                                                                           | Optimisation of the deployment of electric vehicle chargers                                                                                                    |
|                                                                                | 4/09/2023   | 13h00-13h30    | R21 (B28)    | Informatique | Kenan Ozdemir                                                                                                                                                                | ATHLETin                                                                                                                                                       |
|                                                                                | 5/09/2023   | 10h45-11h15    | R7 (B28)     | Data Science | Pauline Bessemans                                                                                                                                                            | Master Thesis : Isolation of the electrical network of a tertiary building using renewable energy production and storage solutions and sizing of the solutions |
| 5/09/2023                                                                      | 13h00-13h30 | Amphi 02 (B37) | Electricité  | Manon Cornet | Exploring the impact of the energy transition on electricity distribution systems: a journey in search of equilibrium in the game between the network operator and its users |                                                                                                                                                                |

**Luizi Frederic**

| Jour      | Heure       | Local             | Section | Etudiant                  | Titre                                                                       |
|-----------|-------------|-------------------|---------|---------------------------|-----------------------------------------------------------------------------|
| 4/09/2023 | 11h45-12h15 | Amphi 01<br>(B37) | Chimie  | Jules George Zankia Kenzo | Développement de filtres pour le traitement biologique des eaux récréatives |

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## **Mahaudens Simon**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                                                                           |
|-------------|--------------|--------------|----------------|-----------------|--------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 13h00-13h30  | R7 (B28)     | Aérospatiale   | Julien Heine    | Master's thesis : Modelling and design of aerodynamic technologies for low pressure compressor stators |

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## Mahy Julien

| Jour      | Heure       | Local             | Section | Etudiant                  | Titre                                                                       |
|-----------|-------------|-------------------|---------|---------------------------|-----------------------------------------------------------------------------|
| 4/09/2023 | 11h45-12h15 | Amphi 01<br>(B37) | Chimie  | Jules George Zankia Kenzo | Développement de filtres pour le traitement biologique des eaux récréatives |

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## **Majerus Steve**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>   | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                                                     |
|-------------|--------------|----------------|----------------|-----------------|----------------------------------------------------------------------------------|
| 5/09/2023   | 10h15-10h45  | Amphi 01 (B37) | Biomédicale    | Caroline Dejace | Modeling and dynamical analysis of cortical network activity in semantic priming |

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**Malherbe Antoine**

| Jour      | Heure       | Local     | Section      | Etudiant    | Titre                                             |
|-----------|-------------|-----------|--------------|-------------|---------------------------------------------------|
| 5/09/2023 | 11h15-11h45 | R21 (B28) | Informatique | Ionut Finta | UX and Security improvements on connected glasses |

## Maquoi Erik

| Jour      | Heure       | Local          | Section     | Etudiant        | Titre                                                                             |
|-----------|-------------|----------------|-------------|-----------------|-----------------------------------------------------------------------------------|
| 5/09/2023 | 11h45-12h15 | Amphi 01 (B37) | Biomédicale | Apolline Paquay | In vitro and in silico tools to investigate molecular actors in lymphangiogenesis |

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**Marchal Martin**



| Jour | Heure | Local | Section    | Etudiant     | Titre                     |
|------|-------|-------|------------|--------------|---------------------------|
|      | DES   |       | Mécanicien | Marwa Rayane | Travail de fin d'études : |

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**Maree Raphael**

| Jour      | Heure       | Local     | Section      | Etudiant                           | Titre                                                                  |
|-----------|-------------|-----------|--------------|------------------------------------|------------------------------------------------------------------------|
| 4/09/2023 | 10h15-10h45 | R21 (B28) | Informatique | Lize Pirene                        | Graph Neural Networks for Physical Models of Collective Cell Migration |
| 5/09/2023 | 10h15-10h45 | R7 (B28)  | Data Science | Maria Andrea Liliana Gómez Herrera | Cloud Automation and AI                                                |
| 5/09/2023 | 14h30-15h00 | R7 (B28)  | Data Science | Guillaume Ploumen                  | Master Thesis : 3D Alignment using Point Pair Features                 |

**Martin Boris**

| Jour      | Heure       | Local     | Section    | Etudiant    | Titre                                                                     |
|-----------|-------------|-----------|------------|-------------|---------------------------------------------------------------------------|
| 4/09/2023 | 10h15-10h45 | R18 (B28) | Physiciens | Tim Gabriel | Acceleration of Frequency-Domain Full Wave Inversion through Krylov Reuse |

| Mathy Laurent |             |           |              |                   |                                                                                    |
|---------------|-------------|-----------|--------------|-------------------|------------------------------------------------------------------------------------|
| Jour          | Heure       | Local     | Section      | Etudiant          | Titre                                                                              |
|               | DES         |           | Informatique | Vasco Agnello     | IOAM Congestion Control                                                            |
|               | DES         |           | Informatique | Antoine Boonen    | Odoo - automation of security breach detection in open source code.                |
|               | DES         |           | Informatique | Stephan Bulut     | Development of a Flutter module for ATHLETin                                       |
|               | DES         |           | Informatique | Boris Courtoy     | Anomaly detection                                                                  |
|               | DES         |           | Informatique | Antoine Dekyvere  | Object detection based on an event-based camera                                    |
|               | DES         |           | Informatique | Kamal El Feniche  | Learning from positive and unlabeled data                                          |
|               | DES         |           | Informatique | Loïs Fery         | Text Autocomplete System for Amanote                                               |
|               | DES         |           | Informatique | Justin Henrotte   | Implementing pipeling for an FPGA incarnation of the beta machine                  |
|               | DES         |           | Informatique | Simon Petit       | Flutter module for Athletin                                                        |
|               | DES         |           | Informatique | Alex-Manuel Rosca | Integrating Flutter with Wayland                                                   |
|               | DES         |           | Informatique | Barry Sajid       | Kernel Forensics                                                                   |
|               | DES         |           | Informatique | Arnaud Verlaine   | N/A                                                                                |
| 4/09/2023     | 08h30-09h00 | R21 (B28) | Informatique | Louis Dasnois     | Satisfiability Modulo Theories for finite domains                                  |
| 4/09/2023     | 09h00-09h30 | R21 (B28) | Informatique | Robin Coutelier   | Chronological vs. non-chronological backtracking in satisfiability modulo theories |

|           |             |           |              |                    |                                                                                                       |
|-----------|-------------|-----------|--------------|--------------------|-------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 09h30-10h00 | R21 (B28) | Informatique | Francesco Mirisola | Information extraction from legal texts: Performance of different embeddings                          |
| 4/09/2023 | 10h15-10h45 | R21 (B28) | Informatique | Lize Pirene        | Graph Neural Networks for Physical Models of Collective Cell Migration                                |
| 4/09/2023 | 10h45-11h15 | R21 (B28) | Informatique | Pauline Gualtieri  | Implementation of Automata over Linear Orderings                                                      |
| 4/09/2023 | 11h15-11h45 | R21 (B28) | Informatique | Brieuc Saille      | Implementation of functional solution for R2RML                                                       |
| 4/09/2023 | 11h45-12h15 | R21 (B28) | Informatique | Corentin Van Putte | Optimisation of the deployment of electric vehicle chargers                                           |
| 4/09/2023 | 13h00-13h30 | R21 (B28) | Informatique | Kenan Ozdemir      | ATHLETin                                                                                              |
| 4/09/2023 | 13h30-14h00 | R21 (B28) | Informatique | Maxime Binot       | Benchmarking intelligent robotic grasping methods                                                     |
| 4/09/2023 | 14h00-14h30 | R21 (B28) | Informatique | François Straet    | Improving the simulation of variable energy sources in the MEDEAS integrated assessment model         |
| 4/09/2023 | 14h30-15h00 | R21 (B28) | Informatique | Xavier Dupont      | Real-time transcoding and storage of a low bandwidth multi-video stream for efficient replay browsing |
| 5/09/2023 | 09h30-10h00 | R21 (B28) | Informatique | Valentin Baum      | Implementing an Automatic Pointers Exercises Generator in CAFÉ 2.0                                    |
| 5/09/2023 | 10h00-10h30 | R21 (B28) | Informatique | Davy Chiem Dao     | Web portal for the Community of interpreters and translators                                          |
| 5/09/2023 | 10h45-11h15 | R21 (B28) | Informatique | Emilien Wansart    | Load time memory deduplication for unikernels                                                         |
| 5/09/2023 | 11h15-11h45 | R21 (B28) | Informatique | Ionut Finta        | UX and Security improvements on connected glasses                                                     |
| 5/09/2023 | 11h45-12h15 | R21 (B28) | Informatique | Tanguy Spits       | Load Testing and Optimization of a Medical Data Service                                               |
| 5/09/2023 | 16h45-17h15 | R21 (B28) | Informatique | Clément Grodent    | Estimation of neural models from spikes                                                               |

## Mermillod Blondin Raphael

| Jour      | Heure       | Local       | Section          | Etudiant     | Titre                                                                                                                                               |
|-----------|-------------|-------------|------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 5/09/2023 | 17h00-17h30 | 0/429 (B52) | Mines & géologue | Laura Lenoir | Développement d'une méthodologie pour la caractérisation du graphite natif dans un minerai d'or (Kittilä) par un système de minéralogie automatisée |

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**Mertens Anne**

| Jour                                                                           | Heure       | Local    | Section    | Etudiant            | Titre                                                                                                                     |
|--------------------------------------------------------------------------------|-------------|----------|------------|---------------------|---------------------------------------------------------------------------------------------------------------------------|
|  | DES         |          | Mécanicien | Marwa Rayane        | Travail de fin d'études :                                                                                                 |
| 4/09/2023                                                                      | 18h45-19h15 | R7 (B28) | Erasmus    | Víctor Borlaf Nieto | Master's thesis : Using Machine Learning algorithms to accelerate Phase-Field applied to compute microstructure evolution |

## **Mertens Audrey**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>      | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                                                                                                                                                        |
|-------------|--------------|-------------------|----------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 09h30-10h00  | Amphi 02<br>(B37) | Architecture   | Louise Coniasse | Travail de fin d'études / Projet de fin d'études : Projets d'habitats groupés en autopromotion : apprendre à rêver en gardant les pieds sur terre - Analyse de 3 cas d'étude belges |

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**Mihaylov Boyan**

| Jour                                                                           | Heure       | Local       | Section       | Etudiant          | Titre                                                                                           |
|--------------------------------------------------------------------------------|-------------|-------------|---------------|-------------------|-------------------------------------------------------------------------------------------------|
|  | DES         |             | Constructions | Jamil Hanna       | Development of membrane effects in reinforced concrete slab subjected to a column loss scenario |
| 4/09/2023                                                                      | 13h00-13h30 | 0/429 (B52) | Constructions | Charlotte Michels | Durabilité des encres cimentaires à base de sable recyclé pour l'impression 3D                  |

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| Jour | Heure | Local | Section      | Etudiant         | Titre                                                                            |
|------|-------|-------|--------------|------------------|----------------------------------------------------------------------------------|
|      | DES   |       | Aérospatiale | Bastien Bontemps | Master's thesis : Freeform Optics: from mathematical description to applications |

## Mossay Cedric

| Jour      | Heure       | Local             | Section | Etudiant        | Titre                                                                |
|-----------|-------------|-------------------|---------|-----------------|----------------------------------------------------------------------|
| 4/09/2023 | 08h30-09h00 | Amphi 01<br>(B37) | Chimie  | Joanne Kalbusch | Study of the Energy Consumption of the Fiberglass Production Process |

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**Muy Yeakleang**

| Jour      | Heure       | Local       | Section       | Etudiant          | Titre                                                                          |
|-----------|-------------|-------------|---------------|-------------------|--------------------------------------------------------------------------------|
| 4/09/2023 | 13h00-13h30 | 0/429 (B52) | Constructions | Charlotte Michels | Durabilité des encres cimentaires à base de sable recyclé pour l'impression 3D |

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## Nasello Gabriele

| Jour      | Heure       | Local          | Section     | Etudiant          | Titre                                                                      |
|-----------|-------------|----------------|-------------|-------------------|----------------------------------------------------------------------------|
| 5/09/2023 | 09h30-10h00 | Amphi 01 (B37) | Biomédicale | Margaryta Ivanets | Developing osteoarthritis models in mechanically loaded cartilage-on-chips |

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## Nelis Marc

| Jour      | Heure       | Local          | Section    | Etudiant             | Titre                                                                                                                                                |
|-----------|-------------|----------------|------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 09h00-09h30 | R75 (B28)      | Mécanicien | Marine Carpio Marino | Modelling of the thermal behaviour of a high performance 2-speed-AMT transmission for Electric Vehicles and Characterisation of its water/oil cooler |
| 5/09/2023 | 17h15-17h45 | Amphi 02 (B37) | Mécanicien | Karim Koujou         | Modelling of Charging systems for electric vehicles and assessment of charging scenarios                                                             |

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**Nguyen Frederic**

| Jour      | Heure       | Local     | Section    | Etudiant    | Titre                                                                     |
|-----------|-------------|-----------|------------|-------------|---------------------------------------------------------------------------|
| 4/09/2023 | 10h15-10h45 | R18 (B28) | Physiciens | Tim Gabriel | Acceleration of Frequency-Domain Full Wave Inversion through Krylov Reuse |

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**Nishimwe Antoinette**

| Jour                                                                            | Heure | Local | Section      | Etudiant        | Titre                                                                                                                                     |
|---------------------------------------------------------------------------------|-------|-------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
|  | DES   |       | Architecture | Matthias Müller | Travail de fin d'études / Projet de fin d'études : Sustainable off-grid electricity production and storage potential in residential areas |

**Noels Ludovic**

| Jour                                                                           | Heure     | Local       | Section  | Etudiant                | Titre                                                                                              |                                                              |
|--------------------------------------------------------------------------------|-----------|-------------|----------|-------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
|  | DES       |             | THRUST   | Elvira Aguado Fernández | Bayesian inference of visco-elastic-visco-plastic model parameters from lattice experimental data. |                                                              |
|                                                                                | 4/09/2023 | 08h00-08h30 | R7 (B28) | THRUST                  | Belen Bonet Jara                                                                                   | Modelling of a fan blade-off event for electric fan thruster |
|                                                                                | 4/09/2023 | 08h30-09h00 | R7 (B28) | THRUST                  | Irene Jerez Sotoca                                                                                 | Modelling of Forgeing Object Damage on composite fan blades  |

**Orban Philippe**

| Jour      | Heure       | Local       | Section          | Etudiant      | Titre                                                                                                                            |
|-----------|-------------|-------------|------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------|
| 5/09/2023 | 09h00-09h30 | 0/429 (B52) | Mines & géologue | Luca Varisano | Dimensionnement d'ouvrages d'infiltration d'eau pluviale : comparaison de différents types d'essais et méthodes d'interprétation |

**Parra Angarita Sergio Luis**

| Jour      | Heure       | Local             | Section | Etudiant              | Titre                                                                                      |
|-----------|-------------|-------------------|---------|-----------------------|--------------------------------------------------------------------------------------------|
| 4/09/2023 | 11h15-11h45 | Amphi 01<br>(B37) | Chimie  | Mohamad Wael Al Sayed | A Survey of Rheological and Drying Properties for Wastewater Sudges in The Region of Liege |

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## Peers Thibaud

| Jour      | Heure       | Local          | Section      | Etudiant       | Titre                                                                                           |
|-----------|-------------|----------------|--------------|----------------|-------------------------------------------------------------------------------------------------|
| 5/09/2023 | 15h00-15h30 | R7 (B28)       | Data Science | Thibaut Doxins | Master Thesis : Powder bed monitoring with deep learning                                        |
| 5/09/2023 | 16h15-16h45 | Amphi 02 (B37) | Electricité  | Maxime Galet   | Development of a laser triangulation sensor for the measurement of powder height in 3D printing |

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## Peeters Laurens

| Jour      | Heure       | Local    | Section      | Etudiant      | Titre                                             |
|-----------|-------------|----------|--------------|---------------|---------------------------------------------------|
| 4/09/2023 | 14h00-14h30 | R7 (B28) | Aérospatiale | Simone Marchi | Master's thesis : Secondary flow in tandem blades |

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**Peuker Urs**

| Jour       | Heure       | Local | Section          | Etudiant                 | Titre                                                                                                                       |
|------------|-------------|-------|------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 22/08/2023 | 13h00-17h00 | TP40  | Mines & géologue | Charalampos Pouloupoulos | Influence of the temperature variation at the slag flotation plant in Aurubis, Pirdop on copper grade and recovery (ULiège) |

## **Piette Aurelie**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>      | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                                                                                                                                                        |
|-------------|--------------|-------------------|----------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 09h30-10h00  | Amphi 02<br>(B37) | Architecture   | Louise Coniasse | Travail de fin d'études / Projet de fin d'études : Projets d'habitats groupés en autopromotion : apprendre à rêver en gardant les pieds sur terre - Analyse de 3 cas d'étude belges |

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**Pirard Eric**

| Jour       | Heure       | Local       | Section          | Etudiant     | Titre                                                                                                                                               |
|------------|-------------|-------------|------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 22/08/2023 | 13h00-17h00 | TP40        | Mines & géologue | Ivan Vujevic | Process-oriented ore-body characterization of the Ag-polymetallic Rupice Deposit, Bosnia and Herzegovina (ULiège)                                   |
| 5/09/2023  | 17h00-17h30 | 0/429 (B52) | Mines & géologue | Laura Lenoir | Développement d'une méthodologie pour la caractérisation du graphite natif dans un minerai d'or (Kittilä) par un système de minéralogie automatisée |

**Pirotton Michel**

| Jour                                                                           | Heure       | Local       | Section       | Etudiant         | Titre                                                                                                       |
|--------------------------------------------------------------------------------|-------------|-------------|---------------|------------------|-------------------------------------------------------------------------------------------------------------|
|  | DES         |             | Constructions | Pablo Mannoni    | Inondations de juillet 2021 en Wallonie : comparaison des différentes zones inondées simulées ou modélisées |
| 4/09/2023                                                                      | 11h30-12h00 | 0/429 (B52) | Constructions | Joachim Heinesch | Development of a 1D model for the prediction of piano key weirs discharge capacity                          |

**Poncelet Lambert**

| Jour      | Heure       | Local     | Section          | Etudiant               | Titre                                                                                                                    |
|-----------|-------------|-----------|------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 08h00-08h30 | R75 (B28) | Electromécanique | Anton Waltregny-Dengis | Simulations Dynamiques et Dimensionnement des Techniques Spéciales du Projet<br>Dynamo à Angleur pour Lemaire Ingénieurs |

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**Ponthot Jean Philippe**

| Jour                                                                           | Heure     | Local       | Section  | Etudiant                | Titre                                                                                              |                                                              |
|--------------------------------------------------------------------------------|-----------|-------------|----------|-------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
|  | DES       |             | THRUST   | Elvira Aguado Fernández | Bayesian inference of visco-elastic-visco-plastic model parameters from lattice experimental data. |                                                              |
|                                                                                | 4/09/2023 | 08h00-08h30 | R7 (B28) | THRUST                  | Belen Bonet Jara                                                                                   | Modelling of a fan blade-off event for electric fan thruster |
|                                                                                | 4/09/2023 | 08h30-09h00 | R7 (B28) | THRUST                  | Irene Jerez Sotoca                                                                                 | Modelling of Forgeing Object Damage on composite fan blades  |
|                                                                                | 4/09/2023 | 10h45-11h15 | R7 (B28) | Aérospatiale            | Grégoire Marichal                                                                                  | Master's thesis : Multi-stage intake bird modelling          |

## Quoilin Sylvain

| Jour      | Heure       | Local     | Section          | Etudiant         | Titre                                                                                         |
|-----------|-------------|-----------|------------------|------------------|-----------------------------------------------------------------------------------------------|
| 4/09/2023 | 08h30-09h00 | R75 (B28) | Electromécanique | Adèle Hannotte   | Contribution to the definition of long-term energy transition scenarios in Bolivia            |
| 4/09/2023 | 10h45-11h15 | R75 (B28) | Electromécanique | Julien Jacquemin | Modelling system integration in future European energy system                                 |
| 4/09/2023 | 14h00-14h30 | R21 (B28) | Informatique     | François Straet  | Improving the simulation of variable energy sources in the MEDEAS integrated assessment model |

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**Ratboren Chan**

| Jour      | Heure       | Local             | Section      | Etudiant     | Titre                                                                                                        |
|-----------|-------------|-------------------|--------------|--------------|--------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 10h15-10h45 | Amphi 02<br>(B37) | Architecture | Matéo Bacqué | Travail de fin d'études / Projet de fin d'études : Flood vulnerability of informal settlements in Phnom Penh |

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## **Redoute Jean Michel**

| <b>Jour</b>                                                                    | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                                                                          |
|--------------------------------------------------------------------------------|--------------|--------------|----------------|-----------------|-------------------------------------------------------------------------------------------------------|
|  | DES          |              | Electricité    | Simon François  | Study and design of a communication system for untethered underwater vehicles                         |
|  | DES          |              | Informatique   | Justin Henrotte | Implementing pipeling for an FPGA incarnation of the beta machine                                     |
| 1/09/2023                                                                      | 10h00-10h30  | R18 (B28)    | Physiciens     | Camille Bosch   | Electrical performance of electrostatically doped channels for future gate-all-around transistors     |
| 4/09/2023                                                                      | 14h30-15h00  | R21 (B28)    | Informatique   | Xavier Dupont   | Real-time transcoding and storage of a low bandwidth multi-video stream for efficient replay browsing |

**Reiter Sigrid**

| Jour                                                                           | Heure       | Local          | Section      | Etudiant        | Titre                                                                                                                                                                                   |
|--------------------------------------------------------------------------------|-------------|----------------|--------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DES         |                | Architecture | Matthias Müller | Travail de fin d'études / Projet de fin d'études : Sustainable off-grid electricity production and storage potential in residential areas                                               |
| 4/09/2023                                                                      | 08h30-09h00 | Amphi 02 (B37) | Architecture | Paul Daumin     | Travail de fin d'études / Projet de fin d'études : Etude de l'intégration de la qualité environnementale au processus de conception architectural : concours d'étudiants d'architecture |

## Reuter Iris

| Jour      | Heure       | Local             | Section      | Etudiant    | Titre                                                                                                                                                                                   |
|-----------|-------------|-------------------|--------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 08h30-09h00 | Amphi 02<br>(B37) | Architecture | Paul Daumin | Travail de fin d'études / Projet de fin d'études : Etude de l'intégration de la qualité environnementale au processus de conception architectural : concours d'étudiants d'architecture |

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## Rigo Michel

| Jour      | Heure       | Local     | Section      | Etudiant          | Titre                                            |
|-----------|-------------|-----------|--------------|-------------------|--------------------------------------------------|
| 4/09/2023 | 10h45-11h15 | R21 (B28) | Informatique | Pauline Gualtieri | Implementation of Automata over Linear Orderings |

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## Rudolph Martin

| Jour       | Heure       | Local | Section          | Etudiant                 | Titre                                                                                                                       |
|------------|-------------|-------|------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 22/08/2023 | 13h00-17h00 | TP40  | Mines & géologue | Charalampos Pouloupoulos | Influence of the temperature variation at the slag flotation plant in Aurubis, Pirdop on copper grade and recovery (ULiège) |

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## **Ruess Jean Sebastien**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b>   | <b>Titre</b>                                        |
|-------------|--------------|--------------|----------------|-------------------|-----------------------------------------------------|
| 4/09/2023   | 10h45-11h15  | R7 (B28)     | Aérospatiale   | Grégoire Marichal | Master's thesis : Multi-stage intake bird modelling |

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**Ruffoni Davide**

| Jour      | Heure       | Local          | Section     | Etudiant           | Titre                                                                                                |
|-----------|-------------|----------------|-------------|--------------------|------------------------------------------------------------------------------------------------------|
|           |             |                | Biomédicale | Sophie Nguyen      |                                                                                                      |
| 1/09/2023 | 09h00-09h30 | + 2/433        | Biomédicale | Valentine Gaillard | Adaptation to achilles tendon insertion in human calcaneus bone sample                               |
| 5/09/2023 | 09h00-09h30 | Amphi 01 (B37) | Biomédicale | Juliette Maroquin  | Relationship between Microstructure and Mechanical Properties of Proximal Tibia in Rats during Aging |
| 5/09/2023 | 09h30-10h00 | Amphi 01 (B37) | Biomédicale | Margaryta Ivanets  | Developing osteoarthritis models in mechanically loaded cartilage-on-chips                           |
| 5/09/2023 | 10h15-10h45 | Amphi 01 (B37) | Biomédicale | Caroline Dejace    | Modeling and dynamical analysis of cortical network activity in semantic priming                     |
| 5/09/2023 | 10h45-11h15 | Amphi 01 (B37) | Biomédicale | Laura Pottier      | Simulating realistic human motion for robotics                                                       |
| 5/09/2023 | 11h15-11h45 | Amphi 01 (B37) | Biomédicale | Gaëlle Sandront    | Stress-strain characterization of human bone                                                         |
| 5/09/2023 | 11h45-12h15 | Amphi 01 (B37) | Biomédicale | Apolline Paquay    | In vitro and in silico tools to investigate molecular actors in lymphangiogenesis                    |

| Sacre Pierre                                     |             |                |              |                            |                                                                                                                          |
|--------------------------------------------------|-------------|----------------|--------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Jour                                             | Heure       | Local          | Section      | Etudiant                   | Titre                                                                                                                    |
| <div> <div></div> <div></div> <div></div> </div> | DES         |                | Data Science | Tom Ventat                 | Master Thesis : Injury risk factors identification in volleyball                                                         |
|                                                  | DES         |                | Informatique | Antoine Dekyvere           | Object detection based on an event-based camera                                                                          |
|                                                  | DES         |                | Informatique | Kamal El Feniche           | Learning from positive and unlabeled data                                                                                |
| 4/09/2023                                        | 13h30-14h00 | R21 (B28)      | Informatique | Maxime Binot               | Benchmarking intelligent robotic grasping methods                                                                        |
| 5/09/2023                                        | 09h00-09h30 | R7 (B28)       | Data Science | Adrien Poizat              | Master Thesis : Continuous learning churn prediction model                                                               |
| 5/09/2023                                        | 09h30-10h00 | R7 (B28)       | Data Science | Martin Laurent             | Master Thesis : Music Source Separation with Neural Networks                                                             |
| 5/09/2023                                        | 10h15-10h45 | Amphi 01 (B37) | Biomédicale  | Caroline Dejace            | Modeling and dynamical analysis of cortical network activity in semantic priming                                         |
| 5/09/2023                                        | 10h45-11h15 | Amphi 01 (B37) | Biomédicale  | Laura Pottier              | Simulating realistic human motion for robotics                                                                           |
| 5/09/2023                                        | 14h00-14h30 | Amphi 02 (B37) | Electricité  | Aurélien Bernard           | Design and performance analysis of a neuromodulable spiking recurrent cell in the context of meta reinforcement-learning |
| 5/09/2023                                        | 14h30-15h00 | Amphi 02 (B37) | Electricité  | Christian Fernandez Lorden | Neuromorphic CPG for motor control                                                                                       |
| 5/09/2023                                        | 16h45-17h15 | R21 (B28)      | Informatique | Clément Grodent            | Estimation of neural models from spikes                                                                                  |

## **Salles Loic**

| Jour                                                                           | Heure       | Local       | Section      | Etudiant          | Titre                                                                                                                                                                  |                                                                                                                                                                    |
|--------------------------------------------------------------------------------|-------------|-------------|--------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DES         |             | THRUST       | Elena Haro Correa | Numerical analysis of the aerodynamic damping in a transonic axial compressor at part speed                                                                            |                                                                                                                                                                    |
|                                                                                | 4/09/2023   | 09h00-09h30 | R7 (B28)     | THRUST            | Cristian Asensio Garcia                                                                                                                                                | Aerodynamic design of a new high-loaded, low-loss nozzle guide vane for our test turbine at KTH                                                                    |
|                                                                                | 4/09/2023   | 09h30-10h00 | R7 (B28)     | THRUST            | Pablo Canela Curiel                                                                                                                                                    | Numerical analysis of the effect of surface roughness into the aerodynamic damping in a transonic axial compressor at nominal speed                                |
|                                                                                | 4/09/2023   | 10h45-11h15 | R7 (B28)     | Aérospatiale      | Grégoire Marichal                                                                                                                                                      | Master's thesis : Multi-stage intake bird modelling                                                                                                                |
|                                                                                | 4/09/2023   | 13h00-13h30 | R7 (B28)     | Aérospatiale      | Julien Heine                                                                                                                                                           | Master's thesis : Modelling and design of aerodynamic technologies for low pressure compressor stators                                                             |
|                                                                                | 4/09/2023   | 13h30-14h00 | R7 (B28)     | Aérospatiale      | Sacha Waltzing                                                                                                                                                         | Master's thesis : Simulation of the casing treatment of a low pressure compressor                                                                                  |
|                                                                                | 4/09/2023   | 14h30-15h00 | R7 (B28)     | Aérospatiale      | Adrien Bourguignon                                                                                                                                                     | Master's thesis : Improvement and validation of a robotized and autonomous experimental test bench to characterize blisks dynamics                                 |
|                                                                                | 4/09/2023   | 15h00-15h30 | R7 (B28)     | Aérospatiale      | Maxime Alves Cachapela                                                                                                                                                 | Master's thesis : The design (hardware and software) and simulation of the Attitude Determination and Control System (ADCS) of CubeSpec (KU Leuven future cubesat) |
|                                                                                | 4/09/2023   | 15h45-16h15 | R7 (B28)     | Aérospatiale      | Adrien Vandyck                                                                                                                                                         | Master's thesis : Solutions for robust control algorithm design through gain scheduling for a guided rocket                                                        |
| 4/09/2023                                                                      | 18h15-18h45 | R7 (B28)    | Aérospatiale | Hugo Agnello      | Master's thesis : Development of a Coupling Interface Between a High Order Discontinuous Galerkin Method and External Structural Solvers for Gas Foil Bearing Analysis |                                                                                                                                                                    |

## **Schindler Tanja**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                                                       |
|-------------|--------------|--------------|----------------|-----------------|------------------------------------------------------------------------------------|
| 4/09/2023   | 08h30-09h00  | R21 (B28)    | Informatique   | Louis Dasnois   | Satisfiability Modulo Theories for finite domains                                  |
| 4/09/2023   | 09h00-09h30  | R21 (B28)    | Informatique   | Robin Coutelier | Chronological vs. non-chronological backtracking in satisfiability modulo theories |
| 5/09/2023   | 09h30-10h00  | R21 (B28)    | Informatique   | Valentin Baum   | Implementing an Automatic Pointers Exercises Generator in CAFÉ 2.0                 |

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## **Schleich Corinne**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                               |
|-------------|--------------|--------------|----------------|-----------------|------------------------------------------------------------|
| 5/09/2023   | 09h00-09h30  | R7 (B28)     | Data Science   | Adrien Poizat   | Master Thesis : Continuous learning churn prediction model |

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## **Schwartz Cedric**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>   | <b>Section</b> | <b>Etudiant</b> | <b>Titre</b>                                   |
|-------------|--------------|----------------|----------------|-----------------|------------------------------------------------|
| 5/09/2023   | 10h45-11h15  | Amphi 01 (B37) | Biomédicale    | Laura Pottier   | Simulating realistic human motion for robotics |

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## Simons Maxence

| Jour      | Heure       | Local     | Section          | Etudiant               | Titre                                                                                                                    |
|-----------|-------------|-----------|------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 08h00-08h30 | R75 (B28) | Electromécanique | Anton Waltregny-Dengis | Simulations Dynamiques et Dimensionnement des Techniques Spéciales du Projet<br>Dynamo à Angleur pour Lemaire Ingénieurs |

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**Stillman Namid**

| Jour      | Heure       | Local     | Section      | Etudiant     | Titre                                                                  |
|-----------|-------------|-----------|--------------|--------------|------------------------------------------------------------------------|
| 4/09/2023 | 10h15-10h45 | R21 (B28) | Informatique | Lize Pirenne | Graph Neural Networks for Physical Models of Collective Cell Migration |

## Taing Kimnenh

| Jour      | Heure       | Local             | Section      | Etudiant     | Titre                                                                                                        |
|-----------|-------------|-------------------|--------------|--------------|--------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 10h15-10h45 | Amphi 02<br>(B37) | Architecture | Matéo Bacqué | Travail de fin d'études / Projet de fin d'études : Flood vulnerability of informal settlements in Phnom Penh |

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## **Taminiau Bernard**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b>   | <b>Etudiant</b> | <b>Titre</b>                                                                                                     |
|-------------|--------------|--------------|------------------|-----------------|------------------------------------------------------------------------------------------------------------------|
| 5/09/2023   | 08h30-09h00  | 0/429 (B52)  | Mines & géologue | Luca Emmanuello | Evaluation of monitored natural attenuation as a bioremediation technique of benzene in the Bois Saint-Jean site |

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## **Tavera Guerrero Carlos**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b> | <b>Etudiant</b>     | <b>Titre</b>                                                                                                                        |
|-------------|--------------|--------------|----------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023   | 09h30-10h00  | R7 (B28)     | THRUST         | Pablo Canela Curiel | Numerical analysis of the effect of surface roughness into the aerodynamic damping in a transonic axial compressor at nominal speed |

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## Teller Jacques

| Jour      | Heure       | Local          | Section      | Etudiant        | Titre                                                                                                                                                                               |
|-----------|-------------|----------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/09/2023 | 09h00-09h30 | Amphi 02 (B37) | Architecture | My-Tuyên Ngo    | Travail de fin d'études / Projet de fin d'études : La cohabitation au sein des logements intergénérationnels à Ho Chi Minh : étude du mode de vie des personnes âgées               |
| 4/09/2023 | 09h30-10h00 | Amphi 02 (B37) | Architecture | Louise Coniasse | Travail de fin d'études / Projet de fin d'études : Projets d'habitats groupés en autopromotion : apprendre à rêver en gardant les pieds sur terre - Analyse de 3 cas d'étude belges |
| 4/09/2023 | 10h15-10h45 | Amphi 02 (B37) | Architecture | Matéo Bacqué    | Travail de fin d'études / Projet de fin d'études : Flood vulnerability of informal settlements in Phnom Penh                                                                        |
| 4/09/2023 | 10h45-11h15 | Amphi 02 (B37) | Architecture | Lilas Hougardy  | Travail de fin d'études / Projet de fin d'études : Constructions sur pilotis : Étude de prédimensionnement pour des bâtiments résidentiels situés en zone d'aléa                    |

## Terrapon Vincent

| Jour                                                                           | Heure     | Local       | Section    | Etudiant        | Titre                                                                                                        |                                                                                                   |
|--------------------------------------------------------------------------------|-----------|-------------|------------|-----------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|  | DES       |             | Physiciens | Zakaria Boualem | Shock stabilisation techniques for Large Eddy Simulations using the high order Discontinuous Galerkin method |                                                                                                   |
|                                                                                | 1/09/2023 | 09h00-09h30 | R18 (B28)  | Physiciens      | Valentin Vanraes                                                                                             | Physical model and sensitivity analysis of volume metering in centrifugal microfluidics           |
|                                                                                | 4/09/2023 | 10h15-10h45 | R7 (B28)   | THRUST          | Claudio Palmese                                                                                              | Numerical investigation of the influence of geometric uncertainties on transonic compressor flows |
|                                                                                | 4/09/2023 | 11h15-11h45 | R7 (B28)   | Aérospatiale    | Hugo Stegen                                                                                                  | Master's thesis : Bird gun modeling                                                               |
|                                                                                | 4/09/2023 | 11h45-12h15 | R7 (B28)   | Aérospatiale    | Nicolas Dujardin                                                                                             | Master's thesis : A Wall Model for LES with a Flow Transition                                     |
|                                                                                | 4/09/2023 | 14h00-14h30 | R7 (B28)   | Aérospatiale    | Simone Marchi                                                                                                | Master's thesis : Secondary flow in tandem blades                                                 |

**Thiran Paolo**

| Jour      | Heure       | Local     | Section          | Etudiant         | Titre                                                         |
|-----------|-------------|-----------|------------------|------------------|---------------------------------------------------------------|
| 4/09/2023 | 10h45-11h15 | R75 (B28) | Electromécanique | Julien Jacquemin | Modelling system integration in future European energy system |



## Toussaint Yves

| Jour      | Heure       | Local          | Section    | Etudiant     | Titre                                                                                    |
|-----------|-------------|----------------|------------|--------------|------------------------------------------------------------------------------------------|
| 5/09/2023 | 17h15-17h45 | Amphi 02 (B37) | Mécanicien | Karim Koujou | Modelling of Charging systems for electric vehicles and assessment of charging scenarios |

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**Toye Dominique**

| Jour      | Heure       | Local             | Section | Etudiant              | Titre                                                                                      |
|-----------|-------------|-------------------|---------|-----------------------|--------------------------------------------------------------------------------------------|
| 4/09/2023 | 09h00-09h30 | Amphi 01<br>(B37) | Chimie  | Takieddine Mouni      | Rationalization and optimization of wastewater on the LDPE unit                            |
| 4/09/2023 | 11h15-11h45 | Amphi 01<br>(B37) | Chimie  | Mohamad Wael Al Sayed | A Survey of Rheological and Drying Properties for Wastewater Sudges in The Region of Liege |

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## Uyttendaele Vincent

| Jour      | Heure       | Local          | Section     | Etudiant        | Titre                                                                                   |
|-----------|-------------|----------------|-------------|-----------------|-----------------------------------------------------------------------------------------|
| 5/09/2023 | 15h45-16h15 | Amphi 02 (B37) | Electricité | Julien Frambach | Machine learning methods to improve insulin sensitivity forecasting in glycemic control |

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## Van Droogenbroeck Marc

| Jour                                                                           | Heure     | Local       | Section      | Etudiant         | Titre                                           |                                                          |
|--------------------------------------------------------------------------------|-----------|-------------|--------------|------------------|-------------------------------------------------|----------------------------------------------------------|
|  | DES       |             | Informatique | Antoine Dekyvere | Object detection based on an event-based camera |                                                          |
|                                                                                | 5/09/2023 | 14h30-15h00 | R7 (B28)     | Data Science     | Guillaume Ploumen                               | Master Thesis : 3D Alignment using Point Pair Features   |
|                                                                                | 5/09/2023 | 15h00-15h30 | R7 (B28)     | Data Science     | Thibaut Doxins                                  | Master Thesis : Powder bed monitoring with deep learning |

**Van Lenthe Harry**

| Jour      | Heure       | Local          | Section     | Etudiant          | Titre                                                                                                |
|-----------|-------------|----------------|-------------|-------------------|------------------------------------------------------------------------------------------------------|
| 5/09/2023 | 09h00-09h30 | Amphi 01 (B37) | Biomédicale | Juliette Maroquin | Relationship between Microstructure and Mechanical Properties of Proximal Tibia in Rats during Aging |

**Van Loo Stephanie**

| Jour      | Heure       | Local     | Section    | Etudiant                | Titre                                                     |
|-----------|-------------|-----------|------------|-------------------------|-----------------------------------------------------------|
| 4/09/2023 | 08h30-09h00 | R18 (B28) | Physiciens | Kévin Maltez Cavalheiro | Manufacturing of a microfluidic chip for droplet trapping |

## Vandenabeele Cedric

| Jour      | Heure       | Local             | Section | Etudiant        | Titre                                                                      |
|-----------|-------------|-------------------|---------|-----------------|----------------------------------------------------------------------------|
| 4/09/2023 | 10h45-11h15 | Amphi 01<br>(B37) | Chimie  | François Radoux | Study of corrosion on PVD coated current collectors in lithium-ion battery |

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## Vanderbeeken Romain

| Jour      | Heure       | Local          | Section    | Etudiant     | Titre                                                                                    |
|-----------|-------------|----------------|------------|--------------|------------------------------------------------------------------------------------------|
| 5/09/2023 | 17h15-17h45 | Amphi 02 (B37) | Mécanicien | Karim Koujou | Modelling of Charging systems for electric vehicles and assessment of charging scenarios |

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## Vanderbemden Philippe

| Jour                                                                           | Heure     | Local       | Section        | Etudiant       | Titre                                                                         |                                                                                                   |
|--------------------------------------------------------------------------------|-----------|-------------|----------------|----------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|  | DES       |             | Electricité    | Simon François | Study and design of a communication system for untethered underwater vehicles |                                                                                                   |
|                                                                                | 1/09/2023 | 10h00-10h30 | R18 (B28)      | Physiciens     | Camille Bosch                                                                 | Electrical performance of electrostatically doped channels for future gate-all-around transistors |
|                                                                                | 4/09/2023 | 08h30-09h00 | R18 (B28)      | Physiciens     | Kévin Maltez Cavalheiro                                                       | Manufacturing of a microfluidic chip for droplet trapping                                         |
|                                                                                | 5/09/2023 | 16h15-16h45 | Amphi 02 (B37) | Electricité    | Maxime Galet                                                                  | Development of a laser triangulation sensor for the measurement of powder height in 3D printing   |

**Vanderheyden Benoit**

| Jour      | Heure       | Local     | Section    | Etudiant         | Titre                                                                                             |
|-----------|-------------|-----------|------------|------------------|---------------------------------------------------------------------------------------------------|
| 1/09/2023 | 09h00-09h30 | R18 (B28) | Physiciens | Valentin Vanraes | Physical model and sensitivity analysis of volume metering in centrifugal microfluidics           |
| 1/09/2023 | 10h00-10h30 | R18 (B28) | Physiciens | Camille Bosch    | Electrical performance of electrostatically doped channels for future gate-all-around transistors |

## Vermeulen Julien

| Jour      | Heure       | Local       | Section       | Etudiant         | Titre                                                                              |
|-----------|-------------|-------------|---------------|------------------|------------------------------------------------------------------------------------|
| 4/09/2023 | 11h30-12h00 | 0/429 (B52) | Constructions | Joachim Heinesch | Development of a 1D model for the prediction of piano key weirs discharge capacity |

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## **Villette Claire**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b>   | <b>Section</b> | <b>Etudiant</b>   | <b>Titre</b>                                                               |
|-------------|--------------|----------------|----------------|-------------------|----------------------------------------------------------------------------|
| 5/09/2023   | 09h30-10h00  | Amphi 01 (B37) | Biomédicale    | Margaryta Ivanets | Developing osteoarthritis models in mechanically loaded cartilage-on-chips |

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**Wehenkel Louis**

| Jour                                                                           | Heure     | Local       | Section        | Etudiant         | Titre                                           |                                                                                                                                                                              |
|--------------------------------------------------------------------------------|-----------|-------------|----------------|------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DES       |             | Informatique   | Antoine Dekyvere | Object detection based on an event-based camera |                                                                                                                                                                              |
|                                                                                | 4/09/2023 | 11h45-12h15 | R21 (B28)      | Informatique     | Corentin Van Putte                              | Optimisation of the deployment of electric vehicle chargers                                                                                                                  |
|                                                                                | 4/09/2023 | 13h30-14h00 | R21 (B28)      | Informatique     | Maxime Binot                                    | Benchmarking intelligent robotic grasping methods                                                                                                                            |
|                                                                                | 4/09/2023 | 14h00-14h30 | R21 (B28)      | Informatique     | François Straet                                 | Improving the simulation of variable energy sources in the MEDEAS integrated assessment model                                                                                |
|                                                                                | 5/09/2023 | 13h00-13h30 | Amphi 02 (B37) | Electricité      | Manon Cornet                                    | Exploring the impact of the energy transition on electricity distribution systems: a journey in search of equilibrium in the game between the network operator and its users |
|                                                                                | 5/09/2023 | 13h30-14h00 | Amphi 02 (B37) | Electricité      | Gérôme Andry                                    | Data assimilation as simulation-based inference                                                                                                                              |
|                                                                                | 5/09/2023 | 14h00-14h30 | R7 (B28)       | Data Science     | Yassine Maziane                                 | Master Thesis : Exploring latent structure in diffusion models                                                                                                               |

## **Wildemeersch Samuel**

| <b>Jour</b> | <b>Heure</b> | <b>Local</b> | <b>Section</b>   | <b>Etudiant</b> | <b>Titre</b>                                                                                                     |
|-------------|--------------|--------------|------------------|-----------------|------------------------------------------------------------------------------------------------------------------|
| 5/09/2023   | 08h30-09h00  | 0/429 (B52)  | Mines & géologue | Luca Emmanuello | Evaluation of monitored natural attenuation as a bioremediation technique of benzene in the Bois Saint-Jean site |

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| Jour | Heure | Local | Section | Etudiant                | Titre                                                                                              |
|------|-------|-------|---------|-------------------------|----------------------------------------------------------------------------------------------------|
|      | DES   |       | THRUST  | Elvira Aguado Fernández | Bayesian inference of visco-elastic-visco-plastic model parameters from lattice experimental data. |