

LABEX EUR Day 2023

IFMI amphitheater
March 29

<https://labex-interactifs.pprime.fr/labex-eur-day-2023>

Labex EUR Day program

Registration

This event will be held in IFMI amphitheater. A registration is needed to participate to this event, more particularly for the lunch.

[Registration here](#)

Wednesday, March 29, 2023

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|-------------|------------------------------------|--|---|
| 9:00-9:05 | Introduction | | |
| 9:05-9:45 | First year PhD students (10') | | |
| | IT | Marcel KUHMANN EUR PhD | Modelling of iron particle combustion |
| | IT | Anna EL KHOURY EUR PhD | Tracking biogenicity criteria in the Early Earth |
| | IT | Zheming LI EUR PhD | Determination of the potential of the 2D transition metal carbide (MXENES) for the heterogeneous catalysis. Application to the hydrogenation reactions in gas and liquid phases |
| | IT | Hugo Ribeiro DA IGREJA EUR PhD | Synthesis, microstructural characterization and properties of Fe ₂ AlB ₂ compound |
| 9:45-10:30 | Second year PhD students - 1 (15') | | |
| | IT | Lucas MENEZ Labex PhD | Development of immersed boundary methods for the study of fluid structure coupled problems |
| | IT | Ihssan MATAR Labex PhD | Numerical Estimation of the Electric Force Induced by a Cylinder-to-Cylinder EHD Device |
| | IT | Valentin BERRY Labex PhD | Electric charge distribution study at solid and liquid interface by electroacoustic method |
| 10:30-10:50 | Coffee break | | |
| 10:50-12:20 | Second year PhD students -2 (15') | | |
| | IT | Mhadji ABDOUSSALAM Labex PhD | Modelling the Thermal degradation of a composit material : phase field method |
| | IT | Mohamed SAADANA Labex PhD | Numerical modeling of plasma-assisted catalysis |
| | IT | Kimheng MENG Labex PhD | Buckling of thin films and coatings: influence of plasticity and microstructure |

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| | IT | Renaud GENIN Labex PhD | Influence de la nitruration et du SMAT sur le gradient de propriétés de Ti-5553 |
| | IT | Hanane IDRIR Labex PhD | Fine microstructure and local mechanical properties of novel Cu-Ag nanostructured conductors for application in high-field magnets |
| | IT | Florian FEYNE Labex PhD | Heterogeneous thermal ageing of an elastomeric seal |
| 12:30-14:00 | Lunch - Buffet, lieu de vie, first floor | | |