

# Travaux d'initiation à la recherche

## 27 mai 2026, 13h15 – 16h30 salle 1.50

### Programme:

13h15 – 13h30

Speaker: **David BERSET**

Supervisor: Dr. PD Joanna Hoszowska

Title: **L-shell shake processes and K $\alpha$ L satellites resulting from 1s photoionization in 3d transition metals**

13h30 – 13h45

Speaker: **Anaïs BUCHER**

Supervisor: Dr. Premysl Marsik, Group Bernhard

Title: **Ellipsometric Investigation of Thin Films**

13h45 – 14h00

Speaker: **Flavie-Morgane BRODARD**

Supervisor: Dr. Milagros Montemurro, Group Acuna

Title: **Plasmonic antennas for DNA sensing**

14h00 – 14h15 Pause

14h15 – 14h30

Speaker: **Lorian THALMANN**

Supervisor: Dr. Karol Kolataj, Group Acuna

Title: **High Refractive Index Dielectric Nanoantennas**

14h30 – 14h45

Speaker: **Esteban YANEZ VOGEL**

Supervisor: Dr. Véronique Trappe

Title: **Cracking the Perfect "Œuf Mollet"**

14h45 – 15h00

Speaker: **Marwen OUERGHEMMI**

Supervisor: Dr. Chi Zhang, Group Scheffold

Title: **Three-Body Optical Binding**

15h00 – 15h15 Pause

15h15 – 15h30

Speaker: **Leonardo NICCHIOTTI**

Supervisor: Prof. Yi-Cheng Zhang, Group Zhang

Title: **Stable marriage problem under information constraints**

15h30 – 15h45

Speaker: **Léa DUPONT**

Supervisor: Dr. Frédéric Chassot, Group Monney

Title: **Photoemission study of Au(111) and In<sub>2</sub>Se<sub>3</sub>**

15h45 – 16h00

Speaker: **Antony DIEU**

Supervisors: Joel Morf & Vincent Garrido, Group Monney

Title: **MBE Growth of SnS on Au(100) Studied by LEED and XPS**

16h00 – 16h10 Délibération jury

16h10 – 16h15 Remise prix du jury