

## **JOURNEE SCIENTIFIQUE DU DEPARTEMENT DE PHYSIQUE**

**15 novembre 2021 : Amphi Pierre Faure – Ecole polytechnique**

### **Programme**

14h00-14h25 : Lina Hadid (LPP), "Solar wind and planetary magnetospheres coupling: microphysical and macrophysical processes."

14h25-14h50 : Jean-Damien Pillet (PMC), "Hybrid quantum circuits in Polytechnique."

14h50-15h15 : Benjamin Quilain (LLR), "The matter-antimatter asymmetry explained by neutrinos?"

15h15-15h40 : Adrien Leblanc (LOA), "High intensity laser interaction with matter: onto solids, in solids, or in gas."

15h40-15h50 : Pause

15h50-16h15 : Romain Grasset (LSI), "Higgs mode in disordered superconductors."

16h15-16h40 : Timothée Nicolas (CPHT), "Controlled thermonuclear fusion: a brief overview."

16h40-17h05 : Nicolas Olivier (LOB), "An Introduction to Single Molecule Localization Microscopy."

17h05-17h40 : Table Ronde : objectifs du « département de physique »

17h40-18h20 : Apéritif