

Programme de la journées des doctorants du P2M

**Vendredi 24 juin 2022 - Morning session - Amphi 200
campus ARTEM**

Session 1	
08h45	Introduction à la journée des doctorants de P2M
09h00	Victor Palin (101) – 15+5 min Synthesis and characterization of Heusler alloys with perpendicular magnetic anisotropy
09h20	Sara Aarras (103) – 15+5 min Etude de système magnétique complexes dans des hybrides de type MOFs
09h40	Anil Mana (107) – 15+5 min Heat Flux measurements a Magnetized RF Plasma
10h00	Alejandro Guillevic (107) – 15+5 min Turbulent transport in the granulation regime of fusion plasma
10h20 - 10h50	Coffe break
Session 2	
10h50	Héloïse Damas (101) – 15+5 min Ferrimagnetic spintronics and self-torque on GdFeCo
11h10	Corentin Pfaff (101) – 5 min Growth of epitaxial MgB2 thin films for superconducting spintronic
11h15	Juvert Sama (107) – 5 min Gyrokinetic investigation of the dynamics of geodesic acoustic modes
11h20	Valentin Desbuis (101) – 15+5 min Manipulation of low-energy spin precession in a magnetic thin film by tuning its molecular field
11h40	Calvin Tagne (102) – 15+5 min Observation de la Courbure de Berry par CD-ARPES dans les films minces ferroélectriques à couplage Rashba de GeTe
12h00	End of morning session

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**Vendredi 24 juin 2022 - Afternoon session - Amphi 200
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Session 3	
14h00	Guillaume lo Cascio (107) – 15+5 min Control of impurity transport in fusion plasma
14h20	Zongxia Guo (101) – 15+5 min Manipulation of exchange bias for advanced spintronic devices
14h40	Nathan Boulangeot (102) – 5 min Machine learning for modelisation of surface physic
14h45	Pambiang Dainone (104) – 5 min Contrôle électrique de l'injection de spin dans les diodes électroluminescentes
14h50	Yi Peng (101) – 15+5 min Robust toggle switching in Tb-based multilayers by single-shot linearly-polarized laser pulse
15h10	Eva Luiza (101) – 5 min Spin-orbit torque switching by picosecond-wide electrical pulses
15h15	Coffe break and end of afternoon session