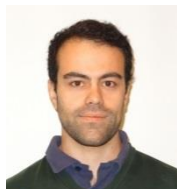


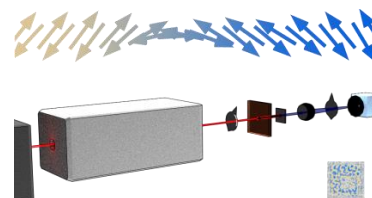
9h30 – 9h40 **OUVERTURE DE LA JOURNEE** par Myriam Pannetier-Lecoeur et François Daviaud



9h40 – 9h55

**Théophile Chirac** (1<sup>ère</sup> année, LNO)

New spintronic components based on antiferromagnetic materials



9h55 – 10h10

**Sarra Mitiche** (2<sup>ème</sup> année, LEPO)

Plasmonics of Au nano-objects by photoemission electron microscopy



10h10 – 10h25

**Thomas Salez** (3<sup>ème</sup> année, SPHYNX)

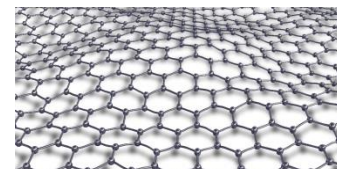
Effet thermoélectrique dans les fluides complexes : ferrofluides et liquides ioniques



10h25 – 10h40

**Daniela Di Felice** (2<sup>ème</sup> année, GMT)

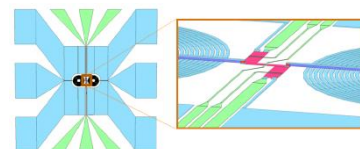
Electronic structure and transport in the graphene/MoS2 heterostructure for the conception of a field effect transistor.



10h40 – 10h55

**Jonas Müller** (1<sup>ère</sup> année, GNE)

Finite frequency dynamics in correlated quantum conductors



10h55 – 11h15

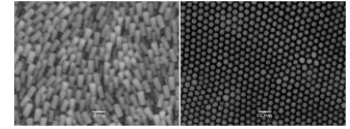
**PAUSE CAFE et ELECTIONS DU CLU**



**11h15 – 11h30**

**Mario Avila** (1<sup>ère</sup> année, SPHYNX et UPMC/MONARIS)

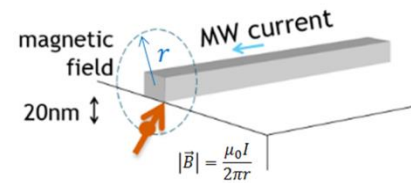
Superferromagnetic transitions in supracrystals



**11h30 – 11h45**

**Jessica-Fernanda Da-Silva-Barbosa** (1<sup>ère</sup> année, GQ)

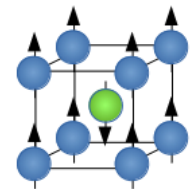
Strong Coupling of a Single Spin to a Superconducting Circuit



**11h45 – 12h**

**Anton Schneider** (1<sup>ère</sup> année, GMT et DEN/SRMP)

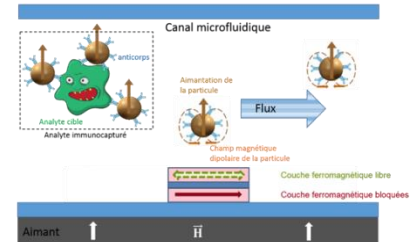
Etude DFT et Monte Carlo du magnétisme et des propriétés énergétiques des alliages Fer-Manganèse cubiques centrés



**12h – 12h15**

**Manon Giraud** (1<sup>ère</sup> année, LNO)

Biochips using GMR sensors to detect micron and submicron biologic objects



**12h15 – 12h30**

**Arnaud Lesaine** (2<sup>ème</sup> année, SPHYNX et UPSud/FAST)

Propriétés mécaniques de films obtenus par séchage de suspensions colloïdales

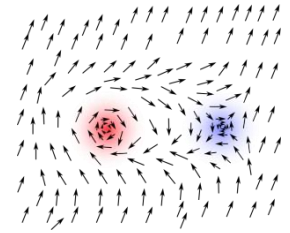


**12h30 – 13h30**

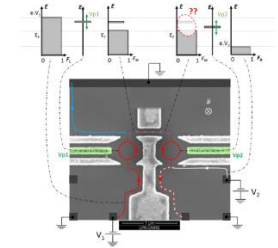
**DEJEUNER (BUFFET)**

**13h30 – 13h45****Benoît Mahault** (2<sup>ème</sup> année, SPHYNX)

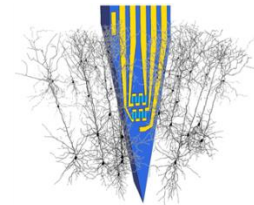
Quasi long range polar order and KT-like transition in dry active matter

**13h45 – 14h****Ramiro Rodriguez** (2<sup>ème</sup> année, GNE)

Finite Energy Relaxation in the Integer Quantum Hall Regime

**14h – 14h15****Vincent Trauchessec** (3<sup>ème</sup> année, LNO)

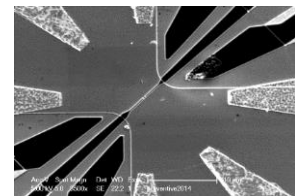
Local magnetic detection of neuronal activity

**14h15 – 14h30****Paul Debue** (1<sup>ère</sup> année, SPHYNX)

Probing the small(est ?) scales of turbulence

**14h30 – 14h45****Matthieu Santin** (3<sup>ème</sup> année, GNE)

Dynamique quantique dans des conducteurs balistiques et cohérents : interrupteur quantique et transport photo-assisté

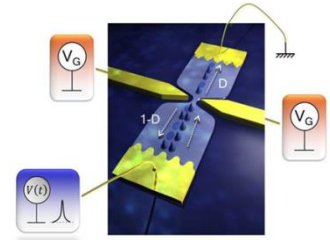
**14h45 – 15h****PAUSE CAFE et ELECTIONS DU CLU**

**15h – 15h15****Xavier De Milly** (3<sup>ème</sup> année, LNO)

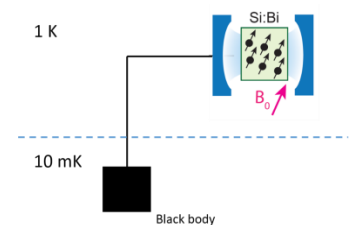
Destruction de la synchronisation entre deux oscillateurs à transfert de spin par une source externe

**15h15 – 15h30****Maëlle Kapfer** (2<sup>ème</sup> année, GNE)

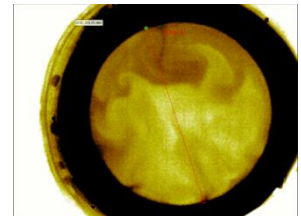
Le bruit de fractions d'électrons

**15h30 – 15h45****Bartolo Albanese** (1<sup>ère</sup> année, GQ)

Towards electron spin hyperpolarization via radiative cooling

**15h45 – 16h****Simon Lepot** (1<sup>ère</sup> année, SPHYNX)

Convection radiative

**16h – 16h15****CONCLUSION DE LA JOURNEE par François Daviaud**