

Journée des THESES

10h: SCHMITT Vivien

Scalable quantum processor for superconducting qubit

10h15: GREZES Cécile

Towards a spin ensemble multi-mode quantum memory for superconducting qubits

10h30: HERREROS Quentin

IRM à très bas champ magnétique

10h45 : CARUSO Laure

Electromagnetic detection of neural activity at cellular resolution

11h00-11h30: coffee break

11h30: HAHN Christian

Ferromagnetic Resonance and Spin Pumping in YIG and YIG|Pt

Nanodisks Investigated by MRFM

11h45: HAMADEH Abbass

Spin transfer nano-oscillator based on coupled magnetic vortices

12h00: MIHELICH Martin

Maximum Entropy Production Principle and ASEP Model

12h15: GUTIERREZ-MATUS Pablo

An experiment on wave turbulence

12h30-14h: Buffet

14h00: MOSTOVOV Andrei

Shot noise in a ballistic graphene nanoribbon

14h15: JULLIEN Thibaut

Leviton quiet state of fermions implemented in a quantum conductor

14h30: GUITARD Pierre-André

Microfluidic channel for local nuclear magnetic resonance

14h45: BLOUZON Camille

Multiferroic domain walls

15h00: BOSISIO Riccardo

Thermoelectric Transport in Disordered Nanowires

15h15: JULIUSSON Kristinn

Transmons in a 3D cavity

15h30: DARCHY Léa

Semiconductor carbon nanotubes for organic solar cells

15h45: CABARET Théo

Organic nano-memristors for learning circuit

16h00: PARLAVECCHIO Olivier

Coulomb Blockade of Shot Noise

16h15: THALABARD Simon

Toying with atmospheric and solar turbulence

16h30: SAINT-MICHEL Brice

A violation of ensemble equivalence in a turbulent flow?