

# Journée des thèses au CPHT

Jeudi 15 novembre 2018, salle de conférence Louis Michel

**Format : 10 minutes/exposé + 5 minutes pour les questions**

## 10h-12h30 :

- [10h00-10h30] : Rencontre entre les doctorant.e.s et la DDPD (Direction Déléguée Programme Doctoral)
- [10h30-10h45] Luca **CIAMBELLI** AdS/CFT : *The fluid road to holography*
- [10h45-11h] Ariane **SORET** : *Superconductivity and out-of-equilibrium systems*
- [11h-11h15] Jan **MAELGER** : *QCD from perturbation theory*
- [11h15-11h30] Pablo **GUERRERO RODRIGUEZ** : *The non-linear regime of quantum chromodynamics in the context of relativistic heavy-ion collisions*
- [11h30-11h45] Guillaume **BROCHARD** : *Kinetic effects of energetic particles on magneto-hydrodynamics instabilities in tokamak plasmas*
- [11h45-12h] Jakob **STEINBAUER** : *Slave-rotor techniques in many-body electrons systems*
- [12h-12h15] Quentin **BONNEFOY** : *Topics in BSM physics*
- [12h15-12h30] Julien **DESPRES** : *Far-from-equilibrium dynamics in quantum lattice models*

## 12h30-14h : pause

## 14h-15h30 :

- [14h-14h15] Hepeng **YAO** : *Low dimensional ultracold atom gases*
- [14h15-14h30] Grégoire **VARILLON** : *Non-modal hydrodynamic stability analysis for ablation flows relative to inertial confinement fusion*
- [14h30-14h45] Fan **YANG** : *Topological phases and interaction effects*
- [14h45-15h] Marcello **TURTULICI** : *“Ab-initio” materials simulations for correlated electron systems with vacancies*
- [15h-15h15] Mufei **LUO** : *Auto-resonance in three-wave interactions with bandwidth*
- [15h15-15h30] Charles **MARTEAU** : *Flat holography*

## 15h30-15h45 : pause

- [15h45-16h] Thibaut **COUDARCHET** : *Cosmological Higgs mechanism and dark matter creation in a string theory framework*
- [16h-16h15] Philipp **KLEIN** : *Topological effects in layer systems*
- [16h15-16h30] Dung **LE** : *QCD at high energy and high density: theory, links with statistical physics problems, and phenomenology*
- [16h30-16h45] Louis **VILLA** : *Strongly interacting quantum systems in 1d*

## 16h45 : goûter