

Journée des thèses au CPHT

Mardi 6 février 2018, salle de conférence Louis Michel, à partir de 10h30

10h30-11h : Rencontre entre les doctorant.e.s et la DDPD (Direction Déléguée Programme Doctoral)

11h-12h : présentations des doctorant.e.s de 1ère année (5 minutes/personne)

- Alice MOUTENET : Development of new diagrammatic algorithms for many-body problem, applications to strongly-correlated systems
- Hepeng YAO : Low-dimensional ultra-cold quantum gases
- Fan YANG : Topological phases and interaction effects
- Claude FLEMING : String theory and effective field theory
- Grégoire VARILLON : Non-modal hydrodynamic stability analysis for ablation flows relative to inertial confinement fusion
- Charles MARTEAU : Fluid-gravity correspondence
- Marcello TURTULICI : ``Ab-initio'' materials simulations for correlated electron systems with vacancies
- Mufei LUO : Auto-resonance in three-wave interactions with bandwidth

14h-15h30 : présentations des doctorant.e.s de 2ème année (10 minutes/personne)

- Ariane SORET : Superconductivity and out-of-equilibrium systems
- Jan MAELGER : Phase transitions in quantum chromodynamics
- Pablo GUERRERO RODRIGUEZ : The non-linear regime of quantum chromodynamics in the context of relativistic heavy-ion collisions
- Luca CIAMBELLI AdS/CFT : holographic correspondence, black holes and applications
- Quentin BONNEFOY : Spontaneous broken (super)symmetries in BSM physics
- Julien DESPRES : Far-from-equilibrium dynamics in quantum systems with short- or long-range interactions
- Guillaume BROCHARD : Impact of energetic particles onto the magnetic stability of ITER-like tokamaks
- Jakob STEINBAUER Slave-rotor techniques in many-body electrons systems

15h30-15h45 : pause

15h45-16h30 : présentations des doctorant.e.s de 3ème année (15 minutes/personne)

- Charles COSNIER-HOREAU Strings, non-perturbative symmetries, black holes and scattering amplitudes
- Louis MAHE Deterministic limits of Markov processes and population models
- Kirill PLEKHANOV Exploring and engineering topological states of matter and strongly correlated quantum fluids

16h30 : goûter