

All the communications and conferences will take place in the Lecture Hall (Amphi) 1 on the Luminy Campus. The coffee breaks and poster sessions will be held in the Grand Hall.

Monday, May 28

- 8h00 Welcome the participants and putting up the posters in the grand hall
- 8h45-9h00 Welcoming speech by the Director of the ED352
- 9h00-10h15 PhD students' oral presentations (10+5 minutes)
- 09h00: M. Diouf *Encapsulation of organic devices using nanolaminated thin films deposited by Atomic Layer Deposition (ALD)*
- 09h15: A. Moinet *Effect of risk perception on epidemic spreading in temporal networks*
- 09h30: R. Fetick *Post-processing of high angular resolution images in the visible*
- 09h45: T. Ronnet *Investigating the conditions of formation of Jupiter's icy moons*
- 10h00: B. Brugger *Modeling Planetary Interiors: from Mercury to Exoplanets*
- 10h15-11h00 Coffee break - Poster session
- 11h00-12h00 PhD students' oral presentations (10+5 minutes)
- 11h00: V. Mytskaniuk *Flexible multimodal miniaturized endoscope for non-linear imaging*
- 11h15: R. Toor *Influence of temperature and surfactants on spontaneous emulsification*
- 11h30: M. Collombon *Three photon dark resonance in Calcium ions*
- 11h45: T. Bottein *Large Surfaces of 2D hexagonal metallic and semiconductor nanodots by Double Self-Assembly*
- 12h00-13h30 Lunch break – Poster session
- 13h30-14h30 **Invited conference**
Dr. Justine Serrano (CPPM, Marseille)
“New physics searches with rare beauty decays”
- 14h30-15h15 PhD students' oral presentations (10+5 minutes)
- 14h30: P. Iacomì *Gas Adsorption: From Serendipity to Design*
- 14h45: J. A. G. Lopez *The kinematical properties of the Herschel Reference Survey*
- 15h00: R. R. Sheeba *Modeling of line and continuum spectral emission of hydrogen for recombining plasma conditions*
- 15h15: G. Bartolini *Search for the associated production of a Higgs boson and top quark pairs in multijet events with the ATLAS detector: First Year Abstract*
- 15h30-16h30 Coffee break - Poster session
- 16h30-18h00 Ceremony for 2017 Thesis Award of the Doctoral School
- 18h00 Cocktail - Salle polyvalente.

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Tuesday, May 29

9h00-9h30	General meeting of PhD students of the ED352 Discussions
9h30-10h30	Coffee break - Poster session
10h30-12h00	PhD students' oral presentations (10+5 minutes) 10h30: K. De Vasconcelos <i>Evidence for the associated production of the Higgs boson and a top quark pair with the ATLAS detector</i> 10h45: R. Wolff <i>Search for the Higgs boson production in association with a top quark pair with the LHC</i> 11h00: Ziyu Guo <i>Search for Higgs boson production in association with a top-quark pair and decaying to a bottom-quark pair using machine learning with the ATLAS detector</i> 11h15: R. Hardian <i>Characterization and evaluation of defect engineered MOFs for gas and vapor adsorption</i> 11h30: Claire Dazon <i>Workplace exposure to nanomaterials during powder handling: Relationships between powder properties and airborne particle characteristics</i> 11h45: C.N. Ibrahim <i>Electronic structure calculations of structural, electronic properties and irradiation damage in the uranium-plutonium mixed oxide (U,Pu)O₂</i>
12h00-13h30	Lunch Break
13h30-14h30	Invited conference Dr. Gilles Bogaert (Artemis/OCA, Nice) "Detection of <i>Gravitational waves</i> "
14h30-15h45	PhD students' oral presentations (10+5 minutes) 14h30: J. A. Such <i>Free-boundary simulations of MHD plasma instabilities in tokamaks</i> 14h45: H. Mastori <i>Analysis of interfaces during a Molten Corium-Concrete Interaction (MCCI) and of associated mechanisms</i> 15h00: S. Gajavalli <i>Description thermodynamique des phases dans le quaternaire Ag-In-Cd-Zr à haute température</i> 15h15: R. Moussaoui <i>Study of Negative Ion Surface Production Mechanisms in Cesium free H₂ and D₂ Plasmas</i> 15h30: E. Lassalle <i>On the spontaneous emission of quantum emitters</i>