

Friday, June 16

9h00-9h30 Inscription (Lecture Hall 6, Building A)

9h30-9h40 Introductory speech

9h40-10h40 PhD students' Thesis Prize (8 + 2 minutes)

- 1 IBRAHIMI Muhamet
- 2 ROUQUETTE Paul
- 3 SEVEAU Valentine
- 4 SHURVINTON Riley
- 5 SORIANO Loïc
- 6 VARENNES Robin

10h40-11h00 Coffee break / Posters

11h00-11h40 PhD students' oral presentations (8 + 2 minutes)

- 1 AOUN Amer
- 2 GARCIA OVALLE Diego
- 3 BEIGBEDER Théo
- 4 HERBELOT Julien

11h40-12h30 Invited conference (Lecture Hall 6, Building A)

Dr Denis Burgarella , Laboratoire d'Astrophysique de Marseille (LAM)

"James Webb Space Telescope latest results"

12h30-13h30 Lunch break

Group A :

13h30-14h15 'Speed searching' (TPR1 2nd floor : E.02.06 / E.02.12 / E.02.05 / E.02.13)

Group B :

14h15-15h00 'Speed searching' (TPR1 2nd floor : E.02.06 / E.02.12 / E.02.05 / E.02.13)

15h00-16h30 PhD students' Thesis Prize (8 + 2 minutes)

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| 1 CEDENO Ruel | 5 SCOTTE Camille |
| 2 MAZZI Samuele | 6 AGUICHINE Artem |
| 3 DEBNATH Sree | 7 FETICK Romain |
| 4 LUDA DI CORTEMIGLIA Teobaldo | |

15h00-16h30 Ceremony for the Thesis Award of ED 352

17h30-18h30 Posters / Cocktail / Pétanque Tournament

All the oral communications and conferences will take place in the Lecture Hall 6 (Bâtiment A) in Luminy.

Posters :

Alizée	Amsler	Astrophysics and Cosmology	Ocean-atmosphere equilibrium on primitive icy moons
Salomé	Grouffal	Astrophysics and Cosmology	HIP41378: the challenge of long-period planets
Schneeberger	Antoine	Astrophysics and Cosmology	Gas-phase chemistry in the Jovian Circumplanetary Disk
Pierre	Lechiffart	Condensed Matter and Nanoscience	Photoluminescence in hBN nanostructures from ab initio exciton-phonon coupling
Hugo	Iteney	Condensed Matter and Nanoscience	Pyrough : a new tool to model rough samples for atomistic and finite-element simulations
Sarah	Yehya	Condensed Matter and Nanoscience	In Situ Bragg Coherent X-ray Diffraction Imaging of a Pt nanoparticle during nano-indentation
Abdelrahman	Zakaria	Condensed Matter and Nanoscience	Comportement des défauts cristallins dans les nanocristaux : imagerie par diffraction cohérente des rayons
Mathieu	Gascoin	Condensed Matter and Nanoscience	Simulation of defects and impurities in actinide oxides: a DFT+U approach
Baptiste	Labonne	Condensed Matter and Nanoscience	Thermodynamic of non-stoichiometric americium-bearing oxides: Atomic scale investigation
Mohit	Chaudhary	Condensed Matter and Nanoscience	Optical Properties of Noble-Metal Clusters using the DFT+U Method
Dara	MARIN	Condensed Matter and Nanoscience	
Yosvany	Silva Solis	Energy, Radiation and Plasma	Diffusion and segregation of H atoms at the W/Cu interface in the ITER cooling monoblocks.
Jai	Kumar	Energy, Radiation and Plasma	
Marcos Vinicius	De Moraes	Energy, Radiation and Plasma	Transport barrier in nontwist maps
André	Farinha Bósio	Energy, Radiation and Plasma	Particle transport due to a spectrum of waves in plasmas
Isael Alejandro	HERRERA HERNANDEZ	Optics, Photonics and Image Processing	Nanoscale polarized imaging in 3D
Kiran	Acharya	Optics, Photonics and Image Processing	Understanding Local Malfunctions in Lymphatic vessels using Microfluidics and Phase Imaging
Simon	Ans	Optics, Photonics and Image Processing	Design of nanostructured blazed gratings for spectro-imagers in space
Assia	Benachir	Optics, Photonics and Image Processing	Two-photon fluorescence microscopy using widefield random speckle illumination
Julien	Lévêque	Theoretical Physics and Mathematics	Theoretical study of the magnetic properties of the CoCu ₂ O ₃ compound
Matheus	Lazarotto	Theoretical Physics and Mathematics	Chaotic dynamics in periodic potentials

Oral Presentations :

JSED352

Amer	Aoun	Optics, Photonics and Image Processing	Improving the Lifetime of Optics for High-Power Lasers in Space
Diego	García Ovalle	Condensed Matter and Nanoscience	Spin-Orbit Torque for Field-Free Switching in Trigonal Crystals
Théo	Beigbeder	Condensed Matter and Nanoscience	The mobility of Xe bubbles in UO ₂ nuclear fuel : a molecular dynamics study
julien	herbelot	Energy, Radiation and Plasma	EFILE Diagnostic - Electric field measurement in plasma
Ravel Carlos	de Miranda Pimenta	Optics, Photonics and Image Processing	Non-diffracting Bessel Beams for Near-Field Wireless RF Links
Xiangyi	LI	Optics, Photonics and Image Processing	Speckle tomography microscopy: Theory, modeling and computational implementation
Maxime	Dumont	Optics, Photonics and Image Processing	Deep learning for phasing space telescope
Mathilde	Van Cuyck	Astrophysics and Cosmology	"Measuring the spatial distribution of dusty star forming galaxies traced by their C ⁺ emission"