

IRAP'S PHD DAY 2024 – PROGRAM

BELIN SITE – CORIOLIS+LYOT – 23/05/2024

Breakfast and Welcoming speech 9:00

Raiders of the Lost Acquisition 9:20

- 9:20 Jean-Yves Heloret 3U Transat: a cubesat constellation to boost the multi-messenger astronomy
- 9:35 Miguel Llamas Lanza Searching for high-energy transient sources with SVOM/ECLAIRs offline trigger
- 9:50 Jules Marti Can the regolith structure explain the seismic behavior changes due to seasonal temperature variations observed on Mars and the Moon ?

The Kingdom of Posters – part 1 10:05

The Data of Doom 11:05

- 11:05 Jonas Rabia Moon-magnetosphere interactions at Jupiter: new insights from the Juno mission
- 11:20 Paul Charpentier Chasing activity indicators with SPIRou
- 11:35 Trung-Tin Dinh Statistical tests for unsupervised classification of coded hyperspectral acquisitions
- 11:50 Anastasia Kilina Ionized nebulae around ultra-luminous X-ray sources

Lunch 12:05

The Last Analysis 13:30

- 13:30 Pierre Stammler The analysis of a millisecond pulsar from its far-UV and soft-X rays surface emissions
- 13:45 Jonathan Oers Filaments and magnetic fields in the ISM

Coffee 14:00

The Model of Destiny – part 1 14:15

- 14:15 Antoine Resseguier A numerical model of terrestrial ionospheric electrodynamics : IPIIM
- 14:30 Quentin Pilate Trying to explain the variability of Betelgeuse with surface convection
- 14:45 Thea Hood A Beginner's Guide to Characterising Exoplanetary Atmospheres
- 15:00 Antoine Espagnet Modeling the chemical impacts of luminosity outbursts in protostellar envelopes

The Kingdom of Posters – part 2 15:15

The Model of Destiny – part 2 16:15

- 16:15 Alexei Molin Investigating the turbulent intra-cluster medium with X-IFU
- 16:30 Landry Marquis Fusion of astronomical data: application to JWST images
- 16:45 Lucien Mauviard-Haag Millisecond Pulsar parameter estimation with NICER

The Great Circle: Round Table 17:20

Final Game + Afterwork ! 18:20