

Programme des sessions

24-26 nov. 2025



Rubin LSST-France, LPSC Grenoble, 24-26/11/2025

Science talks

Laboratoire de Physique Subatomique et de Cosmologie Amphithéâtre, Amphithéâtre
53 avenue des martyrs 38000 Grenoble

mar. 25 novembre

09:30

Science talks: Calibration

Session |

Site: Laboratoire de Physique Subatomique et de Cosmologie Amphithéâtre, Amphithéâtre, 53 avenue des martyrs 38000 Grenoble

09:30 – 10:10

Introduction to Calibration and Instrument Signal Removal

Orateur

Thibault Guillemin

10:30

10:10 – 10:30

StarDICE IV: a new hope

Orateur

Marc Betoule

11:00

Science talks: More Calibration

Session |

Site: Laboratoire de Physique Subatomique et de Cosmologie Amphithéâtre, Amphithéâtre, 53 avenue des martyrs 38000 Grenoble

11:00 – 11:20

Toward 1 mmag Photometric Precision in Y band : PWV Measurement Challenges and Advances

Orateur

Dr Sylvie Dagoret

11:40

11:20 – 11:40

New AuxTel standards with Gaia

Orateur

Corentin Ravoux

14:00

Science talks: Transients

Session |

Site: Laboratoire de Physique Subatomique et de Cosmologie Amphithéâtre, Amphithéâtre, 53 avenue des martyrs 38000 Grenoble

14:00 – 14:20

 σ_8 measurement with the type Ia Supernovae from the Zwicky Transient Facility DR2.5

Orateur

Rafael Kebadian

14:20 – 14:40

Cosmology with peculiar velocities from LSST supernovae

Orateur

Damiano Rosselli

14:40 – 15:00

skysurvey : a Python library for fast, easy, and realistic transient simulations for LSST-like surveys

Orateur

Luna Dellazzeri

15:20

15:00 – 15:20

Simulation-Based Inference (SBI) for cosmology with type Ia Supernovae (SNe Ia).

Orateur

Adam Triguí

15:20

Science talks: Clusters

Session |

Site: Laboratoire de Physique Subatomique et de Cosmologie Amphithéâtre, Amphithéâtre, 53 avenue des martyrs 38000 Grenoble

15:20 – 15:40 **Halo Mass Function closure tests**

Orateur

Narei Lorenzo Martinez

15:40 – 16:00 **Simulation-based cosmological inference from optically-selected galaxy clusters**

Orateur

Constantin Payerne

16:00

mer. 26 novembre

09:00

Science talks: FINK

Session |

Site: Laboratoire de Physique Subatomique et de Cosmologie Amphithéâtre, Amphithéâtre, 53 avenue des martyrs 38000 Grenoble

09:00 – 09:20

Fink broker Status Update**Orateur**

Dr Emille Ishida

09:20 – 09:40

Early Inference of Supernova Light Curve Parameters with Physics-Informed Neural Networks**Orateur**

Gabriel Teixeira

09:40 – 10:00

Vetting Fast transients with LSST : preparatory work with ZTF**Orateur**

Alex Jacquesson

10:00 – 10:20

Study the blazar variability through ZTF/LSST and the CTAO with Fink**Orateur**

Julian Hamo

10:20 – 10:40

Early identification of Optical Tidal Disruption Events: A science module for the Fink broker**Orateur**

Dr Miguel Llamas Lanza

10:40