

Session Program

11–13 juin 2025



Rubin LSST-France, IJCLab Orsay, 11-13/06/2025

Science talks: clusters and weak lensing

IJCLab
Auditorium Joliot-Curie, 100 A, 91400 Orsay, France

jeu. 12 juin

16:30

Science talks: clusters and weak lensing

Session | Site: IJCLab, Auditorium Joliot-Curie, 100 A, 91400 Orsay, France

16:30 – 16:50

Analysis of the weak lensing mass-richness relation of redMaPPer clusters in the LSST DESC DC2 simulations

Orateur
Constantin Payerne

16:50 – 17:10 DESC Cluster Pipeline Updates: Full Chain Analysis

Orateur
eduardo barroso

17:10 – 17:30 YOLO-CL : Deep Machine Learning for Galaxy Cluster detection with LSST

Orateur
Vinh Phat Tran

17:30 – 17:50 Probabilistic characterization of blending: application to cluster lensing cosmology

Orateur
Manon Ramel

17:50 – 18:10 Cosmic shear simulations for the analysis of LSST data using HOS

Orateur
Juan Mena Fernandez

18:15