

Programme for the Galaxy Days in Lyon, Oct 7-9 2024

Monday Oct 7th

14:00-14:15	Welcome	
14:15-14:30	PNCG : a review of our actions, and evolution	Samuel Boissier (LAM)
14:30-14:45	An overview of instrument projects at CRAL	Matt Lehnert (CRAL)
14:45-15:00	First Euclid science results with the Early Release Observations	Jean-Charles Cuillandre (CEA Saclay)
15:00-15:15	A history of galaxy migrations over the Stellar Mass - SFR Plane from the COSMOS-Web survey	Rafael Arango (LAM)
15:15-15:30	The NIKA2 Cosmological Legacy Survey (N2CLS): measurements and modeling of the number counts, confusion level, and colors	Matthieu Bethermin (LAM)
15:30-15:45	The evolution of the dust cosmic density as seen by NIKA2/N2CLS	Stefano Berta (IRAM)
15:45-16:00	WST: The Wide Field Spectroscopic Telescope	Roland Bacon (CRAL)

- coffee break -

16:30-16:45	Galaxy morphology with Euclid ERO-Perseus images	Louis Quilley (CRAL)
16:45-17:00	The characterization and the properties of the eXtended-UV (XUV) galaxies in nearby galaxies with deep optical photometry	Eloïse Bernaud (LAM)
17:00-17:15	Probing the Universe with galaxy clusters: the special case of exotic strong lensing	Quentin Basto (CRAL)
17:15-17:30	Rotation curves and dark matter fraction at large radii inferred from stacking at $z \sim 0.5$ to 2.5	Jean-Baptiste Jolly (MPE)
17:30-17:45	Specific angular momentum maps for nearby galaxies	Juan Manuel Pacheco Arias (LAM)
17:45-18:00	Galaxies with grains: unraveling dust evolution and extinction curves with hydrodynamical simulations	Yohan Dubois (IAP)

Tuesday Oct 8th

09:00-09:15	University of gravity-driven turbulence across galactic disks	Jérémy Fensch (CRAL)
09:15-09:30	The Rhea simulations of Milky-Way-like galaxies	Noé Bruzy (U Heidelberg)
09:30-09:45	A mass invariant at the origin of the universality of the Core Mass Function?	Pierre Dumond (CRAL)
09:45-10:00	Modeling the neutral gas heating in low metallicity galaxies	Maxime Varese (CEA Saclay)
10:00-10:15	Unveiling the crucial role of dust attenuation in star formation rates estimations: Insights from JWST observations	Lise-Marie Seillé (LAM)
10:15-10:30	Is star formation segregation reversed at high redshift?	Mamon Gary (IAP)

- coffee break -

11:00-11:15	The evolution of the Milky Way disc with the Gaia space mission	Alejandra Recio-Blanco (OCA)
11:15-11:30	Unveiling spiral-like structures in the Galactic disc with Gaia DR3 radial actions	Pedro Alonso Palicio (OCA)
11:30-11:45	Milky Way Stellar Streams for Galactic Archaeology	Salvatore Ferrone (OBSP)
11:45-12:00	Reassessing the proper motion of M31 with Gaia DR3: unraveling systematic uncertainties	Samuel Rusterucci (ObAS)

- lunch break -

14:00-14:15	Modeling the evolution of the Milky Way from Gaia DR3: constraints on the Star Formation History in the discs	Annie Robin (Utinam)
14:15-14:30	Tracing any activity of M31's nucleus with mm/sub-mm wavelength observations	Anne-Laure Melchior (OBSP)
14:30-14:45	Exploring the connections between annotated Low Surface Brightness tidal features, haloes, and host galaxy characteristics in deep CFHT images	Elisabeth Sola (U Cambridge)

14:45-15:00	An Euclid view of Globular Clusters of Dwarf Galaxies	Teymoor Saifollahi (ObAS / CNES)
15:00-15:15	Metal-poor stars on disc-like orbits: insights from Pristine-Gaia synthetic	Isaure González Rivera De La Vernhe (OCA)
15:15-15:30	Cosmological Simulations and the Quest to Deciphering Dark Matter	Camila Correa (CEA Saclay)
15:30-15:45	The MUSE Hubble Ultra Deep Field survey: Dark matter halo properties of intermediate-z star-forming galaxies	Bianca-Iulia Ciocan (CRAL)
15:45-16:00	Poster session, with 3 minutes per presentation	
	Dust mass measurements as a function of redshift, stellar-mass and star formation rate, from $z = 1$ to $z = 5$ in the ALMA Lensing Cluster Survey	Jean-Baptiste Jolly (MPE)
	Constraining Type Ia SN progenitor via cosmic rate analysis	Pedro Alonso Palicio (OCA)
	Type Ia supernovae in Chemical Evolution Models: an analytic solution	Pedro Alonso Palicio (OCA)
	The physical processes controlling the corpulence of galaxies: the view from TNG50	Gary Mamon (IAP)

- coffee break -

16:30-16:45	COSMOS-Web ring: discovery of the most distant lens and the subsequent IMF controversy	Wilfried Mercier (LAM)
16:45-17:00	Testing MOND with globular clusters of low-mass galaxies	Michal Bilek
17:00-17:15	The universal diversity of galaxy formation	Florent Renaud (ObAS)
17:15-17:30	Off-centre supermassive black holes in bright central galaxies	Pierre Boldrini (IAP)

- wine and cheese at Lyon Observatory in Saint Genis-Laval -

Wednesday Oct 9th

09:00-09:15	Disentangling a system of galaxies by comparing optical and molecular IFU data with numerical simulations	Anaëlle Hallé (OBSP)
09:15-09:30	Caught in the cosmic web: framing the big picture of massive galaxies' slow quenching since cosmic noon	Thibaud Moutard (ESAC)
09:30-09:45	Euclid - Early Release Observations: Investigating Density and Color Profiles in the Outer Reaches of Disk Galaxies within the Perseus Cluster	Maëlie Mondelin (CEA Saclay)
09:45-10:00	Low redshift groups and clusters of galaxies in the X-CLASS survey : Redshift identification and physical properties	Quentin Moysan (IRAP)
10:00-10:15	A peculiar group of galaxies falling onto Abell 2142	Anitha Shaji Aashiya (LERMA)
10:15-10:30	Properties of intergalactic filaments around high redshift galaxies	Clotilde Laigle (IAP)

- coffee break -

11:00-11:15	Impact of clusters' connectivity on their evolution and gas accretion	Céline Gouin (IAP)
11:15-11:30	Unveiling the faintest galaxies with JWST and their contribution to reionization	Hakim Atek (IAP)
11:30-11:45	Stochastic Star Formation History at high redshift with JWST	Cristian Carvajal (LAM)
11:45-12:00	An unprecedented view of galaxies during the EoR with COSMOS-Web	Maximilien Franco (U Texas)

- lunch break -

14:00-14:15	What the Lyman-alpha line tells us about the circum-galactic medium of distant galaxies	Jérémy Blaizot (CRAL)
14:15-14:30	The Lyman alpha forest and correlation with galaxies in the Cosmic Dawn III simulation	Joseph Lewis (IAP)
14:30-14:45	Dust-UV offsets in the Cosmic Dawn III simulation	Pierre Ocvirk (ObAS)

14:45-15:00	The impact of AGN-driven winds on massive galaxies in the early Universe	Marion Farcy (IPFL)
15:00-15:15	Exploring the neutral gas of high-z galaxies with GRBs: gas components, metals, and dust	Andrea Saccardi (OBSP)
15:15-15:30	Simulations of early structure formation: Properties of halos that host primordial star formation	Romain Lenoble (CRAL)

- goodbye and end of conference -