

Session 1 - LSST overview

Lightning talks, block 1 (5x2min talks)

1 Antier	Sarah	Follow-up of fast transient with LSST with GRANDMA
2 Hernitschek	Nina	Variable Star Science with Community Brokers - Overview and goals
3 Piranomonte	Silvia	Prospects and challenges for Opt/NIR counterparts of gravitational wave sources in the Rubin/ET era
4 van Roestel	Jan	Variable star science with the Zwicky Transient Facility
5 Blagorodnova Mujortova Nadejda		Predicting and studying stellar mergers in the era of large time-domain surveys

Session 2 - ESO overview

Lightning talks, block 2 (5x2min talks)

1 Perez-Fournon	Ismael	Follow-up of LSST transients with the Canary Islands telescopes
2 Levan	Andrew	The promise of gravitational wave counterpart follow-up at ESO
3 Opitom	Cyrielle	Observing transients with CUBES: The future near-UV spectrograph for the VLT
4 Bauer	Franz	4MOST-ChANGES - LSST Synergies
5 Asquini	Laura	Dynamic scheduling system for the SOXS spectrograph

Session 3 - Extragalactic science

Lightning talks, block 3 (4x and 5x2min talks)

1 Kovacevic	Andjelka	Quasar harmonic eXplorer (QhX): Supporting LSST Data Classification of Periodic Phenomena
2 Dragana	Ilic	
3 Tranin	Hugo	Census of extragalactic Hertzsprung gap stars to predict Luminous Red Novae in LSST
4 Melo	Alejandra	Strong-lens search through deep learning with both ground- and space-based imaging data
5 Sousa	Manoel Felipe	On the optical transients from double white-dwarf mergers
6 Sicignano	Teresa	Type II Cepheids in the Rubin LSST era
7 Izzo	Luca	Classical novae in the Local Universe using the Vera Rubin Observatory and ESO facilities
8 Malesani	Daniele	The most transient of them all: optical observations of long and short gamma-ray bursts
9 Grupa	Jana	Gravitationally lensed supernovae as cosmological probes in the era of LSST
10 Valerin	Giorgio	Understanding Gap Transients in the era of LSST
11 Reguitti	Andrea	Precursors of Type IIa Supernovae in the era of LSST
12 Ngeow	Chow-Choong	RR Lyrae Distances to Two UDF Galaxies with Improved Metallicity and Theoretical PWZ relations
13 Sanchez Saez	Paula	SDSS1335+0728: A New AGN on the Horizon?
14 Pruzhinskaya	Maria	Anomaly detection in the Fink Alert Broker

Session 4 - Galactic science

Lightning talks, block 4 (5x2min talks)

1 Leccia	Silvio	Unveiling RR Lyrae Variables in the Galactic Bulge: Implications and Integration of LSST Observation
2 Ripepi	Vincenzo	Detecting and characterizing distant isolated RR Lyrae variables with Rubin LSST
3 Kára	Jan	Doppler tomography of cataclysmic variables in outbursts
4 Ederoclitte	Alessandro	Selecting interesting cataclysmic variables selected from the LSST brokers
5 Solano	Enrique	Characterisation of cataclysmic variables using the Virtual Observatory

Session 6 - Solar System and YSO science

Lightning talks, block 5 (5x2min talks)

1 Fiscale	Stefano	Utilizing LSST data for automated validation of planets in the habitable zone
2 Cruz Sáenz De Miera	Fernando	Discovery of accretion-driven photometric outbursts and the need for quick follow-up observations
3 Tramuto	Alessandro Salvatore	Photometric Classification of Variable Young Stellar Objects
4 Peloton	Julien	Deep dive into asteroid colors and spins in LSST era
5 Fedorets	Grigori	Following up rapidly moving very small asteroids

Session 7 - DEI

Lightning talks, block 6 (4x2min talks)

1 Küppers	Michael	Finding and Characterizing a Target for the Comet Interceptor Mission
2 Rommel	Flavia Luane	PSF photometry of small solar system objects from ZTF as preparation for LSST era
3 Pfalzner	Susanne	LSST will bring the decision between outer solar system models
4 Ngwane	Thobekile Sandra	Developing Instrumentation and Software for Rapid Follow-up and Characterisation of NEAs

Session 8 - Future facilities & projects

Lightning talks, block 7 (4x2min talks)

1 Starling	Rhaana	Rapid radio observations of gamma-ray bursts and their X-ray flares
2 Peel	Michael	Combining submm and optical transient detections
3 Bisero	Sofia	Spectroscopic follow-up of Rubin counterparts of GW detections from next generation interferometers
4 Kornilov	Matwey	Coniferest: yet another Python package for active anomaly detection.

Session 9 - Lessons from past surveys

Lightning talks, block 8 (4x2min talks)

1 Leloudas	Giorgos	The spaghettiification of stars with a sauce of PESSTO
2 Abdollahi	Mahdi	Hierarchical Classification of Variable Stars Using Deep Convolutional Neural Networks
3 Abdollahi	Hedieh	The Isaac Newton telescope monitoring survey of local group dwarf galaxies
4 Ivanov	Valentin	Let me look it up... – revealing the nature of new variable objects from archival precovery monitoring