

Elbereth conference 2021

Monday, February 8, 2021

Talk (2:15 PM - 2:45 PM)

time	[id] title	presenter
2:15 PM	[2] WISDOM/ExoMars 2022: Fantastic Martian subsurface reflectors and where to find them	LOUDART, Nicolas
2:30 PM	[29] Modeling the atmospheric circulation of Uranus and Neptune	MILCARECK, Gwenael

Talk (3:00 PM - 3:30 PM)

time	[id] title	presenter
3:00 PM	[27] Dynamics of the transition corona and solar wind generation	PELLEGRIN, Théo
3:15 PM	[9] Use of unified equations of state in the modelisation of neutron star macroscopic parameters	SULEIMAN, Lami

Talk (4:15 PM - 5:00 PM)

time	[id] title	presenter
4:15 PM	[5] Global Climate Modeling of Saturn's stratosphere to determine the nature of its equatorial oscillation	BARDET, Deborah
4:30 PM	[6] What role will binary neutron star merger afterglows play in multimessenger cosmology?	DUQUE, Raphaël
4:45 PM	[50] Long-term variations in the Earth's orbit govern its insolation and climate	Mr HOANG, Nam

Tuesday, February 9, 2021

Talk (2:00 PM - 2:45 PM)

time	[id] title	presenter
2:00 PM	[41] The Evolution of the Dynamical Ellipticity of the Earth	FARHAT, Mohammad
2:15 PM	[13] The Giant Radio Array for Neutrino Detection	CHICHE, Simon
2:30 PM	[31] Stellar mass and Star Formation surface densities in GRB hosts compared to field galaxies: evidence of a trend with redshift	SCHNEIDER, Benjamin

Talk (3:00 PM - 3:30 PM)

time	[id] title	presenter
3:00 PM	[28] The climate of Early Mars	DELAVOIS, Antony
3:15 PM	[12] Physical properties of cosmic filaments	GALÁRRAGA-ESPINOSA, Daniela

Talk (4:15 PM - 5:15 PM)

time	[id] title	presenter
4:15 PM	[20] INTEGRATED AND ULTRA-SENSITIVE THZ MIXER MODULE	DO, Huy Duy
4:30 PM	[42] Constraining the Origin of Stellar Masses and of the Chemical Complexity in Hierarchical Infalling Clouds	ARMANTE, Mélanie
4:45 PM	[14] Europa's interaction with the jovian plasma from hybrid simulation	BASKEVITCH, Claire
5:00 PM	[45] Young solar wind coherent structures from inertial to sub-ion range.	VINOGRADOV, Alexander

Wednesday, February 10, 2021

Talk (2:00 PM - 2:45 PM)

time	[id] title	presenter
2:00 PM	[11] The interpretation and optimization of the SAM GCMS runs aboard the Martian rover, Curiosity. .	MCINTOSH, Ophélie
2:15 PM	[8] Calibration and preparation of MIRS instrument observations for the JAXA MMX space mission	TACHE, Fériel
2:30 PM	[32] Physical properties of Brightest Cluster Galaxies up to redshift 1.80 based on HST data	CHU, Aline

Talk (3:00 PM - 3:30 PM)

time	[id] title	presenter
3:00 PM	[7] Investigation of the energy conversion associated with a series of dipolarization fronts observed by MMS	ALQEEQ, Soboh
3:15 PM	[16] Earth imaging using optical interferometry	DEBARY, Hiyam

Talk (4:15 PM - 5:30 PM)

time	[id] title	presenter
4:15 PM	[26] Derivatization of amines in preparation for Dragonfly mission	MOULAY, Valentin
4:30 PM	[46] Learning the principal graph of the galaxy distribution	BONNAIRE, Tony
4:45 PM	[24] Study of the origins of ultra-high-energy cosmic rays	MARAFICO, Sullivan
5:00 PM	[44] Statistical estimation of the stellar binarity rate using Gaia, in the scope of a microlensing search.	BLAINEAU, Tristan
5:15 PM	[55] Encoding large scale cosmological structure with Generative Adversarial Networks	ULLMO, Marion

Thursday, February 11, 2021

Talk (2:00 PM - 2:45 PM)

time	[id] title	presenter
2:00 PM	[18] Characterizing the atmosphere of two warm Neptune-like planets HD 106315 c and HD 3167 c with the HST/WFC3 Camera	GRESSIER, Amélie
2:15 PM	[43] Analysis of two multiple cluster systems detected with SZ effect and observed with VLT/VIMOS	WICKER, Raphaël
2:30 PM	[25] Development of a very high-contrast wavefront control method for the detection of exoplanets with the Nancy-Grace-Roman space mission	KOURDOURLI, Mehdi

Talk (3:00 PM - 3:30 PM)

time	[id] title	presenter
3:00 PM	[35] Martian dust dynamics constrained by OMEGA/Mars Express orbital data.	LESEIGNEUR, Yann
3:15 PM	[23] Studying the very high energy gamma ray emission at the center of the galaxy.	ZOUARI, Samuel

Talk (4:15 PM - 5:00 PM)

time	[id] title	presenter
4:15 PM	[4] A graveyard of stars in the core of a bright and dense globular star cluster	VITRAL, Eduardo
4:30 PM	[22] Direct detection of exoplanets with molecular mapping. Application to MIRI on JWST	MÂLIN, Mathilde
4:45 PM	[15] Seismic analysis of red giants on the Asymptotic Giant Branch	DRÉAU, Guillaume

Friday, February 12, 2021

Talk (2:00 PM - 2:45 PM)

time	[id] title	presenter
2:00 PM	[30] Turbulence and Heating in space plasma	SIMON, Pauline
2:15 PM	[3] Evidence of a new component in the Martian 3 μm water band under North polar latitudes	STCHERBININE, Aurélien
2:30 PM	[21] Can we prove the quantum origin of cosmic inhomogeneities ?	Mr COLAS, Thomas

Talk (3:00 PM - 3:30 PM)

time	[id] title	presenter
3:00 PM	[40] Simulating interferometric signals and testing TDI for the LISA space mission	VIDAL, Leon
3:15 PM	[19] Analysis of organic matter and mineral phases in bulk chondrites by MIR Reflectance Hyperspectral Imaging	ARRIBARD, Yann

Talk (4:15 PM - 5:15 PM)

time	[id] title	presenter
4:15 PM	[36] Electromagnetic electron hole generation : theory and PIC simulations	GAUTHIER, Gaetan
4:30 PM	[10] NAROO-AST : PRECOVERY OBSERVATIONS AND IMPACT PREDICTIONS OF NEAR EARTH ASTEROIDS	PERLBARG, Anne-Charlotte
4:45 PM	[38] Impact of metal-enrichment on the fraction of ionizing photons leaking from the interstellar medium	RAMAMBASON, Lise
5:00 PM	[17] Development of a Closed Cycle Dilution Refrigerator for future astronomical missions	SAUVAGE, Valentin