



# Elbereth conference 2020

## mercredi 26 février 2020

### Talk - Amphithéâtre (10:45 - 11:30)

time	[id] title	presenter
10:45	[32] The LMD general circulation models: tools for a better understanding of atmospheric planetary physics	BIERJON, Antoine DELAVOIS, Antony PIERRON, Thomas
11:00	[25] Global climate modelling of Saturn's stratospheric equatorial oscillation	BARDET, Deborah
11:15	[18] Water ice cycle during recent martian paleoclimates	NAAR, Joseph

### Talk - Amphithéâtre (13:30 - 14:15)

time	[id] title	presenter
13:30	[36] Molecular gas and star formation in the CARLA J1103+3449 cluster at $z \sim 1.4$	MARKOV, Vladan
13:45	[22] The necessity of a large-scale turbulent driving to regulate star formation in massive galaxies	BRUCY, Noé
14:00	[14] A super resolution method applied to WISDOM martian radar soundings	OUDART, Nicolas

### Talk - Amphithéâtre (15:15 - 16:15)

time	[id] title	presenter
15:15	[31] Characterizing Galaxy Protoclusters: a case study of a Planck-selected candidate	PERDEREAU, Thibaut
15:30	[44] Bayesian tools to unveil the properties of galaxies	RAMAMBASON, Lise
15:45	[1] The Cepheid Leavitt law from Gaia DR2 parallaxes of resolved companions	BREUVAL, Louise
16:00	[21] Electromagnetic radiation from wave turbulence driven by electron beams in solar plasmas	GAUTHIER, Gaetan

### Talk - Amphithéâtre (16:45 - 17:15)

time	[id] title	presenter
16:45	[39] High angular resolution study of the Super Stellar Cluster population in IRAS 17138-1017	NGUYEN, Tung Lam
17:00	[37] Chemical composition and optical constants of Pluto aerosol analogues	JOVANOVIC, Lora

## jeudi 27 février 2020

### Talk - Amphithéâtre (09:15 - 10:00)

time	[id] title	presenter
09:30	[19] Composition of primordial asteroids: remnants of the planetesimal populations and members of the oldest asteroids families	BOURDELLE DE MICAS, Jules
09:45	[2] X-ray plateaus in GRB light-curves from jets viewed slightly off axis	DUQUE, Raphaël

### Talk - Amphithéâtre (11:00 - 12:00)

time	[id] title	presenter
11:00	[33] Exoplanets transit spectroscopy with James Webb Space Telescope : From detection to characterization.	MARTIN-LAGARDE, Marine
11:15	[4] Mercury's ionized exosphere: Global structure and ion dynamics	WERNER, Elisabeth
11:30	[13] Latest calibration results from QUBIC: The Q&U Bolometric Interferometer for Cosmology	MOUSSET, Louise
11:45	[34] TES detection-chain operation of the QUBIC instrument dedicated to the CMB observation	STANKOWIAK, Guillaume

### Talk - Amphithéâtre (13:30 - 14:15)

time	[id] title	presenter
13:30	[30] 20 years of ACE data: how superposed epoch analyses reveal generic features in interplanetary CME profile	REGNAULT, Florian
13:45	[7] Ultra-Long Gamma-Ray Bursts detection with SVOM/ECLAIRS	DAGONEAU, Nicolas
14:00	[23] Search for gamma ray bursts with the X-ray telescope of the SVOM satellite: development and characterization of the on-board scientific software	HUSSEIN, Shaymaa

### Talk - Amphithéâtre (15:30 - 16:30)

time	[id] title	presenter
15:30	[38] Unsupervised Machine Learning Algorithms to Detect CO2 Clouds on Mars	CAILLÉ, Vincent
15:45	[6] Development and characterization of novel CCD readout electronics for the search of dark matter with DAMIC-M	PAPADOPOULOS, Georgios
16:00	[40] Visible and Near Infrared spectral analysis of several hollows on Mercury	BARRAUD, Océane
16:15	[27] The dusty torus surrounding NGC 1068's active nucleus observed with GRAVITY	VERMOT, Pierre

### Talk - Amphithéâtre (17:00 - 17:15)

time	[id] title	presenter
17:00	[28] Search of intermediate mass black holes as dark matter using gravitational microlensing.	BLAINEAU, Tristan

## vendredi 28 février 2020

### Talk - Amphithéâtre (13:30 - 14:15)

time	[id] title	presenter
13:30	[43] A rotating disk from a non rotating cloud: is the angular momentum conserved?	VERLIAT, Antoine
13:45	[45] The hunt for GW counterparts with H.E.S.S. in the multi-messenger era.	ASHKAR, Halim
14:00	[5] Optimisation of the optical follow up of gravitational waves events	DUCOIN, Jean-Grégoire

### Talk - Amphithéâtre (15:15 - 16:00)

time	[id] title	presenter
15:15	[8] High-energy neutrinos from cosmic ray interactions in the Local Bubble	BOUYAHIAOUI, makarim
15:30	[17] Relativistic X-ray jets in the black hole candidate MAXI J1820+070	ESPINASSE, Mathilde
15:45	[42] FIRST: going above the resolution limit of a telescope for substellar companion characterization	BARJOT, kevin

### Talk - Amphithéâtre (17:00 - 18:15)

time	[id] title	presenter
17:00	[46] Influence of EUV flux variations on the precipitating ion flux from MAVEN observation	MARTINEZ, Antoine
17:15	[26] Deflectometry applied to freeform and large optical surface metrology	JONQUIERE, Hugo
17:30	[29] Multimessenger signals from core-collapse supernovae	BUELLET, Anne-Cécile
17:45	[41] Development of a Closed Cycle Dilution Refrigerator for future astronomical missions	SAUVAGE, Valentin
18:00	[24] Water ice clouds in the Martian atmosphere during the 2018 Global Dust Storm	STCHERBININE, Aurélien