



# EPS-HEP2019

## Thursday 11 July 2019

### Astroparticle Physics and Gravitational Waves - Campus Ledeganck - Aud. 3 (09:00 - 13:00)

-Conveners: Elisa Resconi; Tania Regimbau; Francesca Calore

time	[id] title	presenter
09:00	[801] High-Energy Neutrino Astronomy: Current Status and Prospects	DE WASSEIGE, Gwenhaël
09:30	[842] Recent highlights in high-energy-neutrino and ultra-high-energy-cosmic-ray research and implications for astrophysical candidate sources	OIKONOMOU, Foteini
10:00	[771] Detection of a Neutrino Event at the Glashow Resonance Energy in IceCube	HAACK, Christian
10:20	[661] Pacific Ocean Neutrino Explorer	HOLZAPFEL, Kilian
10:40	[685] Recent progress of the Baikal-GVD project	SUVOROVA, Olga
11:00	Coffe break	
11:30	[747] Astrophysical Neutrinos at Hyper-Kamiokande	BRAVO BERGUNO, David
11:50	[748] Searches for Nucleon Decay at Hyper-Kamiokande	TANAKA, Hidekazu
12:10	[384] Atmospheric neutrino spectrum reconstruction with JUNO	SETTANTA, Giulio
12:30	[831] ANDES: the future Latin American deep underground laboratory	MINEEVA, Taisiya

### Astroparticle Physics and Gravitational Waves - Campus Ledeganck - Aud. 3 (14:30 - 18:30)

-Conveners: Francesca Calore; Elisa Resconi; Tania Regimbau

time	[id] title	presenter
14:30	[809] The Latest Results from the Alpha Magnetic Spectrometer on the ISS	KOUNINE, Andrei
15:00	[810] Properties of Primary and Secondary Cosmic Ray Nuclei Measured with the Alpha Magnetic Spectrometer on the ISS	DEROME, Laurent Yves Marie
15:20	[811] Anisotropy of Cosmic Ray Fluxes Measured with the Alpha Magnetic Spectrometer on the ISS	CASAUS, Jorge
16:00	Coffee break	
16:30	[404] The DAMPE experiment: performances and first results	Mr DE BENEDITTIS, Antonio
16:50	[462] An overview of CALET observations after three years on the International Space Station	Prof. MARROCCHESI, Pier Simone
17:10	[640] The High Energy cosmic-Radiation Detection (HERD): a probe for high-energy cosmic rays' physics and multimessenger astronomy	GARGANO, Fabio
17:30	[326] LHCb inputs to astroparticle physics	GRAZIANI, Giacomo
17:50	[376] Latest results of the LHCf experiment	BERTI, Eugenio
18:10	[730] Upper Limits on Very-High-Energy Gamma-ray Emission from Core-Collapse Supernovae Observed with H.E.S.S.	SIMONI, Rachel

# Saturday 13 July 2019

## Astroparticle Physics and Gravitational Waves - Campus Ledeganck - Aud. 3 (09:00 - 13:30)

time	[id] title	presenter
09:00	[601] Status of the Virgo gravitational-wave detector and the O3 Observing Run	Dr BERSANETTI, Diego
09:20	[684] Searching for the stochastic background with Advanced LIGO and Virgo	Dr MATAS, Andrew
09:40	[796] Digging deeper: Removal of astrophysical foreground from black hole and neutron star binaries to reveal the cosmological background	SACHDEV, Surabhi
10:00	[470] Detecting Gravitational Waves by Twisted Light - Dipole Interaction of Photons and Gravitational Waves	Prof. FENG, Longlong
10:20	[592] Primordial gravitational waves from sequential electroweak phase transitions	PASECHNIK, Roman
10:40	[466] Recent results of the ANTARES neutrino telescope.	CHIARUSI, Tommaso
11:00	Coffee break	
11:30	[584] Review of the results from the Pierre Auger Observatory	MARIS, Ioana Codrina MARIS, Ioana Codrina MARIS, Ioana MARIS, Ioana MARIS, Ioana MARIS, Ioana
11:50	[32] AugerPrime: The upgrade of the Pierre Auger Observatory	BUSCEMI, Mario
12:10	[729] Multi-messenger astroparticle physics through hierarchical modelling	Ms CAPEL, Francesca
12:30	[147] Search for long distance time correlations between cosmic air showers with the MRPC telescopes of the EEE network	Dr LA ROCCA, Paola
12:50	[78] Measurement of single and multiple horizontal cosmic muons at high altitudes with the MEV telescope	RIGGI, Francesco
13:10	[333] The Sub-TeV transient Gamma-Ray sky: challenges and opportunities	LA MURA, Giovanni