



# TeVPA 2018

## Monday, 27 August 2018

### **Gamma Rays: 1 (16:15 - 17:50)**

-Conveners: Stefan Ohm; Sara Buson; Ruben Lopez-Coto

time [id] title	presenter
16:15 [82] Future space observatories for low energy gamma rays	RANDO, Riccardo
16:35 [302] Development of Next Generation sub-MeV and MeV Gamma-ray Detector	Mr YONEDA, Hiroki
16:50 [319] AdEPT, the Advanced Energetic Pair Telescope for Medium-Energy Gamma-Ray Polarimetry	Dr TIMOKHIN, Andrey
17:05 [45] Towards multi-instrument and reproducible gamma-ray analysis	Mr NIGRO, Cosimo
17:20 [44] Overview of Results from the HAWC Gamma Ray Observatory	Dr FLEISCHHACK, Henrike
17:35 [138] The Transient program of the Cherenkov Telescope Array	Dr SCHUSSLER, Fabian

# Tuesday, 28 August 2018

## Gamma Rays: 2 - -1- Lecture hall (14:00 - 15:45)

-Conveners: Stefan Ohm; Sara Buson; Ruben Lopez-Coto

time	[id] title	presenter
14:00	[169] Fermi LAT observation of the Sun	LONGO, Francesco
14:20	[267] The many surprises from high-energy gamma-ray observations from the Sun	Dr KENNY CHUN YU, Ng
14:35	[143] The Colliding Wind Binary Eta Carinae as seen with the H.E.S.S. telescopes	LESER, Eva
14:50	[65] Hadronic acceleration and obscuration in \$\\eta\$ Carinae at TeV energies	Mr BALBO, Matteo
15:05	[192] 3D MHD simulations of particle acceleration in Gamma Velorum, Eta Carinae, WR 147, and HD 93129A	Dr REITBERGER, Klaus
15:20	[177] Observation of TeV Gamma Rays from the Jet Interaction Regions of SS 433 with HAWC	Mr RHO, Chang Dong

## Gamma Rays: 3 - -1- Lecture hall (16:45 - 18:30)

-Conveners: Stefan Ohm; Sara Buson; Ruben Lopez-Coto

time	[id] title	presenter
16:45	[311] Gamma-ray emission from massive star clusters	Dr YANG, Ruizhi
17:05	[167] Observation of Galactic gamma-ray sources above 100 TeV with the HAWC Observatory	Mr BRISBOIS, Chad
17:20	[300] Three-dimensional models of the interstellar medium for the propagation of cosmic rays and their non-thermal interstellar emissions	Dr PORTER, Troy
17:35	[400] Modeling the non-thermal emission from stellar bow shocks	Dr DEL VALLE, Maria Victoria
17:50	[269] H.E.S.S. observations of the Small Magellanic Cloud	Ms HAUPT, Maria
18:05	[322] The Disconnect Between Radio and Gamma-Ray Emission in Arp 220	YOAST-HULL, Tova

# Wednesday, 29 August 2018

## Gamma Rays: 4 - -2- B. von Langenbeck (14:00 - 15:45)

-Conveners: Stefan Ohm; Sara Buson; Ruben Lopez-Coto

time	[id]	title	presenter
14:00	[38]	The First Catalog of Fermi-LAT sources below 100 MeV	Mr PRINCIPE, Giacomo
14:15	[199]	The gamma rays origin of Fermi-LAT blazars, beyond the broad line region?	Dr CUTINI, Sara
14:30	[284]	Unravelling the complex behaviour of our closest very-high-energy gamma-ray blazars, Mrk421 and Mrk501	PANEQUE, David
14:45	[101]	MAGIC observations of VHE gamma rays from the flaring blazar TXS 0506+056 coincident with high-energy neutrino IceCube-170922A and implications	FOFFANO, Luca
15:00	[171]	Is PKS 0625-354 a radio galaxy?	Dr WIERZCHOLSKA, Alicja
15:15	[100]	Very high energy gamma rays from Centaurus A and two zone lepto-hadronic modelling	Dr JOSHI, Jagdish
15:30	[47]	The electrostatic instability for realistic pair distributions in blazar/EBL cascades	Dr VAFIN, Sergei

## Gamma Rays: 5 - -1- Lecture hall (16:15 - 18:05)

-Conveners: Stefan Ohm; Sara Buson; Ruben Lopez-Coto

time	[id]	title	presenter
16:15	[152]	The Galactic Centre region in gamma rays	Dr LEMIERE, ANNE
16:35	[131]	Pevatron at the Galactic Center: Multi-Wavelength Signatures from Millisecond Pulsars	Ms GUÉPIN, Claire
16:50	[190]	The Fermi GeV Excess as a Tracer of Stellar Mass in the Bulge: Results with SkyFACT	STORM, Emma
17:05	[141]	Gamma-ray emission at the base of the Fermi bubbles	Dr MALYSHEV, Dmitry
17:20	[114]	The Fermi bubble study with future gamma ray experiments	Ms YANG, Lili Prof. RAZZAQUE, Soebur
17:35	[251]	Bayesian Model Comparison and Analysis of the Galactic Disk Population of Gamma-Ray Millisecond Pulsars	Mr EDWARDS, Thomas
17:50	[90]	Connecting IceCube neutrinos to Galactic TeV photons	KACHELRIESS, Michael

# Thursday, 30 August 2018

## Gamma Rays: 6 - -2- B. von Langenbeck (16:15 - 18:00)

-Conveners: Stefan Ohm; Sara Buson; Ruben Lopez-Coto

time [id]	title	presenter
16:15 [294]	Pulsars at the Very High Energies: an update from MAGIC	Mr CERIBELLA, Giovanni
16:32 [72]	The Energy-dependent \$\gamma\$-ray Morphology of the Crab Nebula Observed with the \$Fermi\$ Large Area Telescope	Mr YEUNG, Paul Kin-Hang
16:49 [272]	A new explanation for the two breaks in the spectrum of the Crab Nebula.	Dr VINK, Jacco
17:06 [279]	The Milky Way in TeV Gamma Rays	BERGE, David
17:23 [57]	Rise of the Leptons: Pulsar Emission Dominates the TeV Gamma-Ray Sky	Dr LINDEN, Tim
17:40 [137]	Exploring the nature of a possible neutrino source MGRO J1908+06	Dr LI, Jian

# Friday, 31 August 2018

## Gamma Rays: 7 - -2- B. von Langenbeck (14:00 - 16:02)

-Conveners: Stefan Ohm; Sara Buson; Ruben Lopez-Coto

time [id]	title	presenter
14:00	[280] AGILE gamma-ray transients and IceCube neutrinos	Ms PITTORI, Carlotta
14:17	[254] Gamma-ray counterparts of IceCube track-type high-energy neutrino events	GARRAPPA, Simone
14:34	[287] Towards more robust models of extragalactic gamma-ray propagation	DZHATDOEV, Timur
14:51	[157] In-vacuo-dispersion-like spectral lags in gamma-ray bursts	Mr RONCO, Michele
15:08	[155] Modelling of gamma ray bursts and predictions for CTA observations	BOSNIJAK, Zeljka
15:25	[121] The TAIGA Experiment	TLUCZYKONT, Martin
15:42	[299] Status of the LHAASO observatory	CAO, Zhen