

Session Program

7-11 Aug 2017



TeV Particle Astrophysics 2017 (TeVPA 2017)

Gamma rays

Columbus, Ohio, USA

Hosted by the Center for Cosmology and AstroParticle Physics (CCAPP), The Ohio State University

Sunday 6 August

14:00

Gamma rays

Session | **Location:** The Athenaeum, Corinthian Room | **Convener:** Michelle Hui

14:00–14:15 **Very High Energy Astrophysics with VERITAS**

Speaker

Dr Gareth Hughes

14:15–14:45 **Highlights from MAGIC**

Speaker

Dr Konstancja Satalecka

14:45–15:00

An energy cutoff in the TeV gamma ray spectrum of the SNR Cassiopeia A

Speaker

Emma de Ona Wilhelmi

15:00–15:15 **A First Look at the Very Highest-Energy Gamma-Ray Sky from HAWC**

Speaker

Kelly Malone

15:15–15:30 **Search for PeV Photons with IceTop and IceCube**

Speaker

Zachary Griffith

15:30

Monday 7 August

14:00

Gamma rays

Session | **Location:** The Athenaeum, Corinthian Room | **Convener:** Gareth Hughes

14:00–14:15

The Rise of the Leptons: Pulsar Emission Dominates the TeV Gamma-Ray Sky

Speaker

Tim Linden

14:15–14:30

Are Starburst Galaxies Proton Calorimeters?

Speaker

Xilu Wang

14:30–14:45

The Multiwavelength Properties of Arp 220

Speaker

Dr Tova Yoast-Hull

14:45–15:00

A hadronic origin of the high-energy gamma rays from LMC

Speaker

Dr Qingwen Tang

15:00–15:15

Connecting Superluminous Supernovae, Gamma-ray Bursts, and Fast Radio Bursts to the Birth of Millisecond Magnetars

Speaker

Ben Margalit

15:15–15:30

RoboPol: Revealing the connection between gamma-ray activity in blazars and optopolarimetric rotations

Speaker

Ioannis Myserlis

15:30

16:00

Gamma rays

Session | **Location:** The Athenaeum, Corinthian Room | **Convener:** Maria Petropoulou

16:00–16:15

Gamma-ray and optical polarimetric monitoring of GeV bright blazars

Speaker

Dr Ryosuke Itoh

16:15–16:30

Blazar Radio and Optical Survey (BROS): A New Catalog of Blazar Candidates

Speaker

Dr Yasuyuki Tanaka

16:30–16:45

Challenges in reconciling observations and theory of the brightest high-energy flare ever of 3C 279

Speaker

Eugenio Bottacini

16:45-17:00 **Flat-Spectrum Radio-Quasars with H.E.S.S. II**

Speaker

Matteo Cerruti

17:00-17:15 **High-Energy Gamma Rays and Neutrinos from Nearby Radio Galaxies**

Speaker

Mr Carlos Blanco

17:15-17:30

The Compton Spectrometer and Imager: Results from the 2016 Super-Pressure Balloon Campaign

Speaker

John Tomsick

17:30-17:45 **Spectral and Temporal Behaviour of Mrk 501 in Gamma Rays**

Speaker

Dr Nachiketa Chakraborty

17:45-18:00 **Free**

18:00

Tuesday 8 August

14:00

Gamma rays

Session | **Location:** The Athenaeum, Corinthian Room | **Convener:** Yoshiyuki Inoue

14:00–14:15

EBL constraints using TeV blazars observed with the MAGIC telescopes

Speaker

Gaia Vanzo

14:15–14:30

Determining the Intergalactic Photon Densities from Deep Galaxy Surveys and the Gamma-ray Opacity of the Universe

Speaker

Floyd Stecker

14:30–14:45

Time dependence of AGN pair echo, and halo emission as a probe of weak extragalactic magnetic fields

Speaker

Foteini Oikonomou

14:45–15:00

Searches for Angular Extension in High Latitude Fermi-LAT Sources

Speaker

Manuel Meyer

15:00–15:15

Probing extragalactic magnetic fields with the gamma-ray spectrum of PG 1553+113

Speaker

Matthias Lorentz

15:15–15:30

Probing faint gamma-ray point sources in the inner Milky Way using PCAT

Speaker

Tansu Daylan

15:30

16:00

Gamma rays

Session | **Location:** The Athenaeum, Corinthian Room | **Convener:** Yoshiyuki Inoue

16:00–16:15

SkyFACT: a novel analysis of Fermi diffuse gamma-ray data

Speaker

Francesca Calore

16:15–16:30

Measuring High-Energy Gamma-Ray Spectra with HAWC

Speaker

Mr Samuel Marinelli

16:30-16:45

A Hadronic Model of the Fermi Bubbles: Galactic Cosmic-Rays in a Breeze

Speaker

Gwenael Giacinti

16:45-17:00

Radio and Gamma-Ray Constraints on the Wind, Magnetic Field, and Cosmic Rays along the minor axis of the starburst M82

Speaker

Benjamin Buckman

17:00

Wednesday 9 August

14:00

Gamma rays

Session | **Location:** The Athenaeum, Corinthian Room | **Convener:** Hugo Ayala

14:00-14:15

Cherenkov Telescope Array: The Next Generation Gamma-ray Observatory

Speaker

A. Nepomuk Otte

14:15-14:30

Overview and current status of the ALPACA experiment

Speaker

Dr Takashi SAKO

14:30-14:45

All-Sky Medium Energy Gamma-ray Observatory (AMEGO) - A discovery mission for the MeV gamma-ray band

Speaker

Dr Jeremy Perkins

14:45-15:00

Ex Luna Scienta: The Lunar Occultation Explorer (LOX)

Speaker

Prof. Richard Miller

15:00-15:15

Fermi's view of the gamma-ray sky above 10 GeV

Speaker

Dr Pablo Saz Parkinson

15:15-15:30

Free

15:30