

Session Program

7-11 Aug 2017



TeV Particle Astrophysics 2017 (TeVPA 2017)

Multi-messenger

Columbus, Ohio, USA

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

Tuesday 8 August

14:00

Multi-messenger

Session | **Location:** The Athenaeum, Athenian Room | **Convener:** Kohta Murase

14:00-14:30

Astronomy's "Next Big Thing:" What can we expect from direct gravitational-wave observations?

Speaker

Prof. Szabolcs Marka

14:30-14:45

A "nu" look at gravitational waves: The black hole birth rate from neutrinos combined with the merger rate from LIGO

Speaker

Dr Jonathan Davis

14:45-15:00

Gravitational waves from bubble dynamics: Beyond the Envelope

Speaker

Masahiro Takimoto

15:00-15:30

Neutron star mergers and multi-messenger astronomy

Speaker

Dr Daniel Siegel

15:30

16:00

Multi-messenger

Session | **Location:** The Athenaeum, Athenian Room | **Convener:** Amanda Weinstein

16:00-16:15

The Present and Future of Real-Time Alerts from AMON

Speaker

James DeLaunay

16:15-16:30

Search for High-energy Neutrino Emission from Fast Radio Bursts

Speaker

Donglian Xu

16:30-16:45

An FRB in a bottle? : A multi-wavelength approach

Speaker

Kazumi Kashiyama

16:45-17:00

Seeking the sources of high-energy neutrinos with Swift

Speaker

Azadeh Keivani

17:00

Thursday 10 August

14:00

Multi-messenger

Session | **Location:** The Athenaeum, Corinthian Room | **Convener:** Shin'ichiro Ando

14:00-14:30

Searching for optical counterparts for IceCube neutrinos using the Dark Energy Camera

Speaker

Keith Bechtol

14:30-14:45

Time-domain astronomy with the Fermi GBM

Speaker

Dr Michelle Hui

14:45-15:00

Searching for Counterparts to Cosmic Neutrinos Using the Fermi LAT Satellite

Speaker

Mr Colin Turley

15:00-15:15

The MAGIC multi-messenger program

Speaker

Konstancja Satalecka

15:15-15:30

VHE Gamma Rays and Multi-Messenger Astrophysics: VERITAS Status and Strategies for CTA

Speaker

Prof. Brian Humensky

15:30

16:00

Multi-messenger

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

16:00-16:15

Neutrinos from TeV blazars

Speaker

Dr Matteo Cerruti

16:15-16:30

Cosmic rays and neutrinos from blazars with nuclei injection

Speaker

Xavier Rodrigues

16:30-16:45

Exploring the connection between Gamma-Ray Bursts, Ultra-High Energy Cosmic Ray Nuclei and neutrinos

Speaker

Daniel Biehl

18:00	16:45-17:00	Black hole jets in clusters of galaxies as common origins of high-energy cosmic particles
	Speaker Ke Fang	
	17:00-17:30	The All-Sky Automated Survey for Supernovae (ASAS-SN)
	Speaker Dr Christopher Kochanek	
	17:30-17:45	Free
	17:45-18:00	Free