

## 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

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**

18:00