Session Program

7-11 Aug 2017



TeV Particle Astrophysics 2017 (TeVPA 2017)

Neutrinos

Columbus, Ohio, USA

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

Sunday 6 August

4:00	Neutrinos Session Location: The Athenaeum, Athenian Room Convener: Carsten Rott
	14:00-14:15 Observing supernova neutrinos to late times Speaker Shirley Li
	14:15-14:30 Neutrino flavour conversions near the supernova core Speaker Francesco Capozzi
	14:30-14:45 Neutrino astronomy: Measuring the size of the Sun's core Speaker Dr Jonathan Davis
	14:45-15:00 Muon-induced spallation backgrounds in DUNE Speaker Guanying Zhu
	15:00-15:15 Showering Muons in Super Kamiokande Speaker Mr Scott Locke
15:30	15:15-15:30 Astrophysics with the NOvA neutrino experiment Speaker Dr Matthew Strait

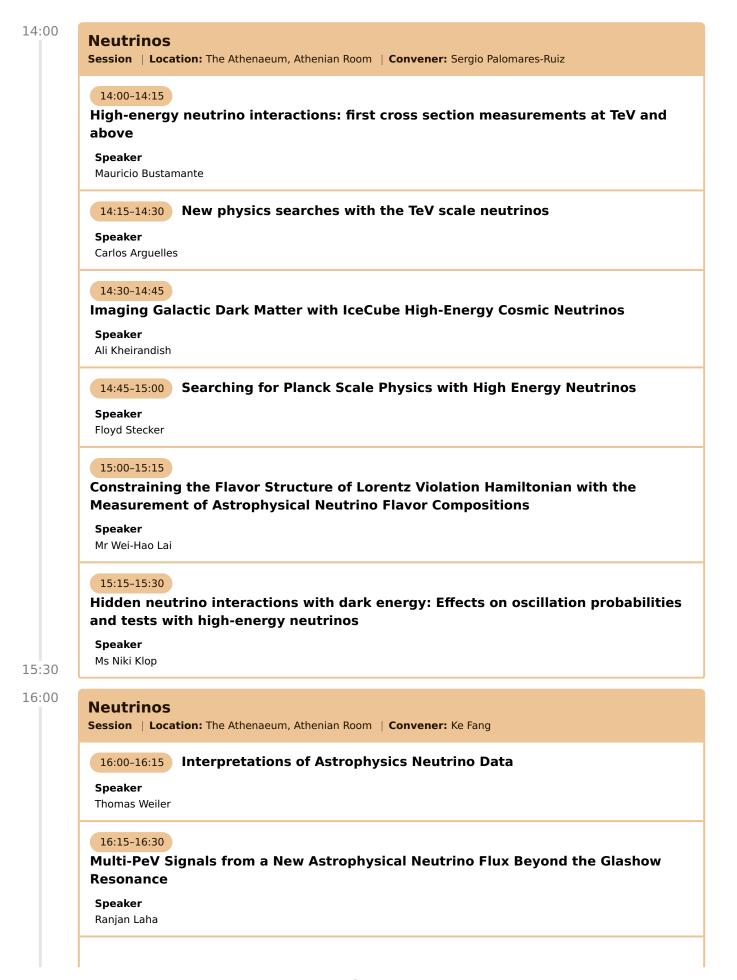
Monday 7 August

14:00-14:30	Prompt neutrinos from heavy flavors
Speaker	
Mary Hall Reno	
14:30-14:45	New Measurement of Atmospheric Neutrino Oscillations with IceCu
Speaker Tyce DeYoung	
14:45-15:00	
Solar Atmo	spheric Neutrinos: A New Neutrino Floor for Dark Matter Searches
Speaker Kenny Chun Yu	Ng
15:00-15:15	Search for Solar Atmospheric Neutrinos with IceCube
Speaker	•
Carsten Rott	
15:15-15:30	High energy neutrinos from the Sun
Speaker	
Carlos Arguelle	25
Neutrinos	
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Session Loca	ation: The Athenaeum, Athenian Room Convener: Markus Ahlers
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17:	17:15 Improving the angular resolution in IceCube cascade reconstruction
Spe Tian	
17:	17:30 A new IceCube starting track event selection and realtime stream
Spe Sara	er Iancina
	17:45
lceC	be Search for Galactic Neutrino Sources using the HAWC 2HWC Catalog
Spe Josh	er Wood
3:00	18:00 Free

Wednesday 9 August



Dr Shin'ichiro A	ndo
Di Simi Icimo y	
16:45-17:00	High-Energy Neutrinos from Supernovae
Speaker	
Prof. Kohta Mu	ase
17:00-17:15	Diffuse and point-source neutrino emission from Type IIn supernov
Speaker	
Dr Maria Petro	ooulou
17:15-17:30	
Difficulties	of Star-forming Galaxies as the Source of IceCube Neutrinos
Speaker	
Mr Takahiro Su	Joh
	The Coloctic Contribution to JeeCubele Astrophysical Neutrine Flux
17.20 17.45	The Galactic Contribution to IceCube's Astrophysical Neutrino Flux
17:30-17:45	
17:30-17:45 Speaker	

18:00

Thursday 10 August



17:15-17:30 GRAND - the Giant Radio Array for Neutrino Detection

Speaker

Anne Zilles

17:30-17:45

Trinity: An experiment to detect cosmogenic neutrinos with the Earth skimming technique

Speaker

A. Nepomuk Otte

17:45-18:00

Radio Detection of Neutrino-Induced Tau Lepton Air Showers at Altitude

Speaker

Prof. Stephanie Wissel

18:00