

TeVPA 2018

Monday 27 August 2018 - Friday 31 August 2018

LVH, Luisenstraße 58, 10117 Berlin

Programme

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Monday 27 August 2018

Neutrino Astronomy: 1 - -1- Lecture hall (14:00-15:50)

Chair 1: Fabrizio Tavecchio | Chair 2: Andrea Palladino | Chair 3: Francesco Villante | Chair 4: Joshua Wood | Chair 5: Summer Blot | Chair 6: Markus Ahlers

- Conveners: Dr. Palladino, Andrea; Kopper, Claudio; Dr. Heijboer, Aart

time	title	presenter
14:00	Recent results from IceCube	WOOD, Joshua
14:20	Detection of a flaring blazar coincident with an IceCube high-energy neutrino	FRANCKOWIAK, Anna
14:35	Search for Neutrinos from the blazar TXS 0506+056 using 10 years of IceCube data	AL SAMARAI, Imen
14:50	Photo-hadronically produced neutrinos from TXS 0506+05?	BOETTCHER, Markus
15:05	Dissecting the region around IceCube-170922A	GLAUCH, Theo
15:20	Interpretation of the coincident neutrino observation and a bright flare from blazar TXS0506+056	GAO, Shan
15:35	Diffuse gamma ray and neutrino produced by AGN winds	LIU, Ruoyu

Neutrino Astronomy: 2 - -1- Lecture hall (16:15-18:05)

Chair 1: Fabrizio Tavecchio | Chair 2: Andrea Palladino | Chair 3: Francesco Villante | Chair 4: Joshua Wood | Chair 5: Summer Blot | Chair 6: Markus Ahlers

- Conveners: Dr. Palladino, Andrea; Kopper, Claudio; Dr. Heijboer, Aart

time	title	presenter
16:15	IceCube Upgrade and Gen2	BLOT, Summer
16:35	Diffuse neutrino measurements with IceCube high energy starting events	SCHNEIDER, Austin
16:50	New Measurement of the flavor composition of high-energy neutrino events with contained vertices in IceCube	STACHURSKA, Juliana
17:05	The blazar TXS 0506+056 associated with a high-energy neutrino: MAGIC VHE observations and multi-messenger implications	BERNARDINI, Elisa
17:20	Unresolved blazars as sources of the diffuse astrophysical neutrino flux	RODRIGUES, Xavier
17:35	Calorimetric assessment of a possible association of the high-energy neutrino IC-170922A with the blazar TXS 0506+056	KRETER, Michael
17:50	Gamma-ray lightcurve correlation search for IceCube neutrinos from TXS 0506+056 and cumulative search from blazar flares	RAAB, Christoph

Tuesday 28 August 2018

Neutrino Astronomy: 3 - -2- B. von Langenbeck (16:45-18:40)

Chair 1: Fabrizio Tavecchio | Chair 2: Andrea Palladino | Chair 3: Francesco Villante | Chair 4: Joshua Wood | Chair 5: Summer Blot | Chair 6: Markus Ahlers

- Conveners: Dr. Palladino, Andrea; Kopper, Claudio; Dr. Heijboer, Aart

time	title	presenter
16:45	Recent results from the ANTARES neutrino telescope	BIAGI, Simone
17:05	Searching for Ultra-High Energy Neutrinos with ANITA	STRUTT, Ben
17:20	GRAND: The Giant Radio Array for Neutrino Detection	BUSTAMANTE, Mauricio
17:35	Radar detection of the PeV-EeV cosmic neutrino flux	DE VRIES, Krijn
17:50	VHE neutrinos and gamma-rays from dense clusters surrounding GRBs	BEDNAREK, Wlodek
18:05	Results of IceCube searches for neutrinos from blazars using eight years of through-going muon data from the Northern Hemisphere	HUBER, Matthias

Wednesday 29 August 2018

Neutrino Astronomy: 4 - -1- Lecture hall (14:00-15:45)

Chair 1: Fabrizio Tavecchio | Chair 2: Andrea Palladino | Chair 3: Francesco Villante | Chair 4: Joshua Wood | Chair 5: Summer Blot | Chair 6: Markus Ahlers

- Conveners: Dr. Palladino, Andrea; Kopper, Claudio; Dr. Heijboer, Aart

time	title	presenter
14:00	KM3NeT: a multi-site neutrino telescope in the Mediterranean Sea to address key questions in Astro-Particle and Particle Physics	MIGLIOZZI, Pasquale
14:20	The Neutrino-BL LAC Connection	TAVECCHIO, Fabrizio
14:40	Limits on the flux of tau neutrinos from 1 PeV to 3 EeV with the MAGIC telescopes	GORA, Dariusz
14:55	Searching for Optical Counterparts to High-Energy Neutrino Sources with the Zwicky Transient Facility	RAUCH, Ludwig
15:10	Black hole interference patterns in flavour oscillations	ALEXANDRE, Jean
15:25	Bounds on ultra-long-range flavored neutrino interactions with IceCube	BUSTAMANTE, Mauricio

Thursday 30 August 2018

Neutrino Astronomy: 5 - -4- Robert Koch (16:15-17:55)

Chair 1: Fabrizio Tavecchio | Chair 2: Andrea Palladino | Chair 3: Francesco Villante | Chair 4: Joshua Wood | Chair 5: Summer Blot | Chair 6: Markus Ahlers

- Conveners: Dr. Palladino, Andrea; Kopper, Claudio; Dr. Heijboer, Aart

time	title	presenter
16:15	Neutrino Telescope Baikal-GVD	FAJT, Lukáš
16:35	A multi-messenger study of the total galactic high-energy neutrino emission	VILLANTE, Francesco
16:55	IceCube Search for Galactic Neutrino Sources based on HAWC Observations of the Galactic Plane	WOOD, Joshua
17:10	Probing for signs of neutrinos from heavy dark matter decay in the IceCube signal	BHATTACHARYA, Atri
17:25	Atmospheric Neutrinos, GeV to PeV	GAISSER, Thomas
17:40	Measurements of Neutrino Oscillations with IceCube	DEYOUNG, Tyce