

ARENA 2018 - Acoustic and Radio EeV Neutrino Detection Activities

Tuesday, June 12, 2018

Highlight talks: Acoustic detection 1 (9:20 AM - 10:40 AM)

-Conveners: Antonio Capone

time	[id] title	presenter
9:20 AM	[13] History of acoustic neutrino detection	LAHMANN, R.
10:00 AM	[11] 15 years of acoustic detection studies at INFN	VIOLA, Salvatore

Highlight talks: Radio detection 1 (11:10 AM - 1:10 PM)

-Conveners: Robert Lahmann

time	[id] title	presenter
11:10 AM	[17] Status and past UHE neutrino radio	BARWICK, Steven
11:50 AM	[16] Future neutrinos radio	CONNOLY, Amy
12:30 PM	[19] Shower Radio	HÖRANDEL, Jörg

Highlight talks: Neutrino telescopes 1 (2:30 PM - 3:30 PM)

-Conveners: Simone Biagi

time	[id] title	presenter
2:30 PM	[12] Recent results from IceCube	SECKEL, David
3:00 PM	[18] The ANTARES and KM3NeT neutrino telescopes: status and outlook for acoustic studies	VAN ELEWYCK, Veronique

Highlight talks: Radio detection 2 (3:30 PM - 4:30 PM)

-Conveners: Paolo Piattelli

time	[id] title	presenter
3:30 PM	[13] Present status and prospects of the Tunka Radio Extension	Dr KOSTUNIN, Dmitriy
4:00 PM	[14] GRAND, a Giant Radio Array for Neutrino Detection: Objectives, design and current status	Dr TUEROS, Matias

Highlight talks: Radio detection 3 (5:00 PM - 6:00 PM)

-Conveners: Paolo Piattelli

time	[id] title	presenter
5:00 PM	[15] Physics Potential of a Radio Surface Array at the South Pole	SCHRÖDER, Frank
5:30 PM	[15] Measurement of Cosmic Rays with LOFAR	BUITINK, Stijn

Wednesday, June 13, 2018

Highlight talks: Radio detection 4 (9:00 AM - 11:00 AM)

-Conveners: Jörg Hörandel

time	[id] title	presenter
9:00 AM	[19] ARIANNA: Current developments and understanding the ice for neutrino detection	Dr NELLES, Anna
9:30 AM	[28] Radio detection of ultra high energy cosmic rays with the Auger Engineering Radio Array	RAUTENBERG, Julian
10:00 AM	[31] Results from the Third Flight of ANITA	Prof. VIAREGG, Abigail
10:30 AM	[34] The Askaryan Radio Array — current status and design considerations for a larger array	KARLE, ALBRECHT

Highlight talks: Radio detection 5 (11:30 AM - 12:00 PM)

-Conveners: Anna Nelles

time	[id] title	presenter
11:30 AM	[44] A large radio array at the Pierre Auger observatory	HÖRANDEL, Jörg

Highlight talks: Theory and phenomenology 1 (12:20 PM - 1:05 PM)

-Conveners: Anna Nelles

time	[id] title	presenter
12:20 PM	[59] Theory and phenomenology of UHE neutrinos	Prof. MURASE, Kohta MURASE, Kohta

Thursday, June 14, 2018

Highlight talks: Acoustic detection 2 (9:00 AM - 9:40 AM)

-Conveners: Veronique Van Elewyck

time	[id]	title	presenter
9:00 AM	[10]	Acoustic detection of high energy ions	Dr ASSMANN, Walter