



# ARENA 2012 - Acoustic and Radio EeV Neutrino Detection Activities

## Wednesday, 20 June 2012

### Acoustic Detection (09:00 - 11:00)

-Conveners: sean danaher

time	[id] title	presenter
09:00	[34] Acoustic Neutrino Detection in Water	Dr GRAF, Kay
09:40	[6] Acoustic Neutrino Detection in Ice: Past, Present and Future	KARG, Timo
10:20	[36] Combined Opto-Acoustical Sensor Modules for KM3NeT	ENZENHÖFER, Alexander
10:40	[7] Acoustic positioning system in ice for the Enceladus Explorer	HOFFMANN, Ruth

# Thursday, 21 June 2012

## Acoustic Detection (09:40 - 11:00)

-Conveners: R. Lahmann

time	[id] title	presenter
09:40	[3] In situ study of efficiency and angular coverage of acoustic sensors of the South Pole Acoustic Test Setup	NAHNHAUER, Rolf
10:00	[29] Compact array calibrator for UHE neutrino acoustic detection	Ms ADRIÁN-MARTÍNEZ, Silvia
10:20	[32] A Linear Array Hydrophone Transmitter for the calibration of acoustic UHE Neutrino Telescopes	DANAHER, sean
10:40	[9] Performance of the Aachen Acoustic Laboratory and results from comparative studies in water and ice.	HEINEN, Dirk

## Acoustic Detection (11:30 - 12:15)

-Conveners: Rolf Nahnhauser

time	[id] title	presenter
11:30	[37] Towards high energy neutrino acoustic detector in Lake Baikal: current status and perspectives.	Prof. BUDNEV, Nikolay
11:55	[40] Simulation Chain for Acoustic Ultra-high Energy Neutrino Detectors in Water	Mr NEFF, Max