

ARENA 2012 - Acoustic and Radio EeV Neutrino Detection Activities

Wednesday, 20 June 2012

Radio Detection Theory (14:30 - 16:30)

-Conveners: David Seckel

time	[id] title	presenter
14:30	[54] Theory and simulations of air shower radio emission	HUEGE, Tim
15:10	[11] Simulating radio emission from air showers with CoREAS	Dr HUEGE, Tim
15:30	[12] The EVA code; Macroscopic modeling of radio emission from air showers based on full MC simulations including a realistic index of refraction.	DE VRIES, Krijn D.
15:50	[13] First results from EVA simulations; Cherenkov effects and the chemical composition of the initial cosmic ray.	SCHOLTEN, Olaf
16:10	[18] Ultra High Frequency Geomagnetic Radiation from Extensive Air Showers	Dr CARVALHO JR., Washington

Thursday, 21 June 2012

Radio Detection Theory (18:00 - 18:20)

-Conveners: Tim Huege

time	[id]	title	presenter
18:00	[35]	Simulation of radio emission from cosmic ray air shower with SELFAS2	MARIN, Vincent

Friday, 22 June 2012

Radio Detection Theory (11:15 - 12:15)

-Conveners: **Tim Huege**

time	[id] title	presenter
11:15	[48] A semi-analytic treatment of radio emission from air showers	SECKEL, David
11:35	[39] Electromagnetic radiation in the Tamm problem	JAMES, Clancy
11:55	[22] Radio emission from Air Showers. Comparison of theoretical approaches.	Dr BELOV, Konstantin