

FRONTIER DETECTORS FOR FRONTIER PHYSICS

13th Pisa Meeting on Advanced Detectors

Friday, May 29, 2015

Detector Techniques for Cosmology, Astroparticle and General Physics (8:30 AM - 1:35 PM)

-Conveners: Aldo Morselli; Cristiano Galbiati

time	[id] title	presenter
8:30 AM	[131] FLARES: a flexible scintillation light apparatus for rare event searches	SISTI, Monica
8:50 AM	[336] The XENON1T Experiment	Mr PLANTE, Guillaume
9:10 AM	[340] CUORE: Bolometers at the Frontier of Neutrinoless Double Beta	Dr ODonnell, Thomas
9:30 AM	[217] The Hyper-K Experiment: present and R&D for the next decade	Dr HADLEY, David
9:50 AM	[332] KM3NeT - The next-generation neutrino telescope in the Mediterranean	CIRCELLA, Marco
10:10 AM	[355] Digital FDIRC: a Focused Differential Internal Reflection Cherenkov imaged by SiPM arrays	MARROCCHESI, Pier Simone
10:30 AM	Coffee Break	
11:00 AM	[418] Poster Review	MORSELLI, Aldo
11:25 AM	[74] Interferometric Readout of a Monolithic Accelerometer, towards the fm/ $\sqrt{\text{Hz}}$ resolution	Mr VAN HEIJNINGEN, Joris
11:45 AM	[256] Radio Detection of high-energy cosmic rays with the Auger Engineering Radio Array (AERA)	Dr SCHRÖDER, Frank G.
12:05 PM	[294] Deep sky survey of MeV gamma rays due to advanced Electron Tracking Compton Camera (ETCC) with balloon experiment	Prof. TANIMORI, Toru
12:25 PM	[331] The superconducting microcalorimeters array for the focal plane of the X-IFU instrument on board of the X-ray observatory Athena	Dr GOTTARDI, Luciano
12:45 PM	[9] The Spectrometer/Telescope for Imaging X-ray (STIX) on Solar Orbiter: flight design, challenges and trade-offs	Dr GRIMM, Oliver
1:05 PM	[40] Calocube - A highly segmented calorimeter for a space based experiment.	D'ALESSANDRO, Raffaello