



# International Symposium on Future Directions in UHECR Physics

## Wednesday, February 15, 2012

### New detection techniques and detector designs - 503/1-001 - Council Chamber (4:30 PM - 6:45 PM)

-Conveners: Enrique Zas

time	[id] title	presenter
4:30 PM	[47] Reconstruction of Muon Production Depth in grounded array based on the TTC (Time Track Complementarity) method	Dr AMBROSIO, Michelangelo
4:50 PM	[30] What the radio signal tells about the cosmic-ray air shower.	Prof. SCHOLTEN, Olaf
5:10 PM	[95] Results from the Auger Engineering Radio Array	VAN DEN BERG, Ad
5:30 PM	[92] First results from the Microwave Air Yield Beam Experiment (MAYBE): measurement of GHz radiation for Ultra-High Energy Cosmic Rays detection	Mr WILLIAMS, Christopher
5:50 PM	[51] Status of the microwave detection of cosmic rays program at the Pierre Auger Observatory	FACAL SAN LUIS, Pedro
6:10 PM	[68] Microwave emission from extensive air showers as seen by CROME	SMIDA, Radomir
6:25 PM	[74] TARA: Forward-Scattered Radar Detection of UHECR at the Telescope Array	Prof. BELZ, John

# Thursday, February 16, 2012

## New detection techniques and detector designs - 500/1-001 - Main Auditorium (9:00 AM - 11:00 AM)

-Conveners: Piergiorgio Picozza

time	[id] title	presenter
9:00 AM	[27] On the astrophysical value of larger, yet achievable UHECR detectors	PARIZOT, Etienne
9:20 AM	[14] Review of space-based approaches	Prof. EBIZUSAKI, Toshikazu
10:00 AM	[55] The JEM-EUSO mission: context and status	Prof. SANTANGELO, Andrea
10:20 AM	[56] Performances of JEM-EUSO	Dr BERTAINA, Mario
10:40 AM	[69] Interdisciplinary Science with Large Aperture Cosmic Ray Detectors	WIENCKE, Lawrence

## New detection techniques and detector designs - 500/1-001 - Main Auditorium (11:30 AM - 12:30 PM)

-Conveners: Igor Tkachev

time	[id] title	presenter
11:30 AM	[36] Ultra high energy particle physics and astrophysics. The need for multicomponent EAS measurement and primary particle identification.	LETESSIER-SELVON, Antoine
11:50 AM	[90] A conceptual design for a large ground array of Fluorescence Detectors	Prof. PRIVITERA, Paolo
12:10 PM	[78] Future plans of the Telescope Array experiment	OGIO, Shoichi