

Session Program

Apr 22 - 24, 2008



VLVnT08

Parallel session on Physics

Palais Neptune Conference Center, Toulon
Palais des Congrès Neptune Place de Besagne Centre Commercial Mayol

Wed, April 23

8:30 AM

Parallel session on Physics

Session |

Location: Palais Neptune Conference Center, Toulon, Salle Raimu-A, Palais des Congrès Neptune Place de Besagne Centre Commercial Mayol

8:30 – 8:50 AM **Results from the NEMO Phase1 experiment**

Speaker

Dr Isabella Amore

8:50 – 9:10 AM **ANTARES time calibration**

Speaker

Mr Francisco Salesa

9:10 – 9:30 AM **Atmospheric muons in the ANTARES detector**

Speaker

Annarita Margiotta

9:30 – 9:50 AM

Monte Carlo simulation studies of the timing calibration accuracy required by the NEMO underwater neutrino telescope

Speaker

Dr Rosario Megna

9:50 – 10:10 AM **Reconstruction of hadronic cascades in large-scale neutrino telescopes**

Speaker

R Auer

10:10 – 10:30 AM **Study of the calibration potential of HELYCON detectors with ANTARES**

Speaker

Dr Jean-Pierre Ernenwein

10:30 – 10:50 AM **coffee break**

10:50 – 11:10 AM

Application of Kalman filter methods to event filtering and reconstruction for Neutrino Telescopy

Speaker

Dr Apostolos Tsirigotis

11:10 – 11:30 AM

Atmospheric MUons from PArametric formulas: a fast GEnerator for neutrino telescopes (MUPAGE)

Speaker

Prof. Maurizio Spurio

11:30 – 11:50 AM **KM3NeT: optimization studies for a km3 neutrino detector**

Speaker

Dr Rosa Coniglione

11:50 AM – 12:10 PM **Study of the angular acceptance of a km3 telescope in the Mediterranean Sea**

Speaker
Piera Sapienza

12:10 – 12:30 PM **MC studies of the KM3NeT physics performance**

Speaker
Dr Rezo Shanidze

12:30 – 12:50 PM **Software frameworks for KM3NeT**

Speaker
Mr Claudio Kopper

12:50 – 1:10 PM **First ideas for KM3Net on-shore data storage and distribution**

Speaker
Maya Stavrianakou

1:10 – 2:20 PM **lunch break**

2:20 – 2:40 PM **Predictions of the Diffuse Galactic Neutrino Flux in Light of New Milagro Data**

Speaker
Dr Andrew Taylor

2:40 – 3:00 PM **Prospects for Identifying the Sources of the Galactic Cosmic Rays with IceCube**

Speaker
Alexander Kappes

3:00 – 3:20 PM **KM3NeT sensitivity to neutrino bursts from galactic supernovae**

Speaker
Dr Rezo Shanidze

3:20 – 3:40 PM **Individual GRB sensitivity of the cubic-kilometre deep-sea neutrino telescope KM3NeT**

Speaker
Damien Dornic

4:00 PM