

Session Program

27-28 Nov 2014

KM3 - KM3NeT-Italy collaboration meeting

KM3NeT-IT project

LNS - Catania

Thursday 27 November

12:00

KM3NeT-IT project: The Towers: Towers construction-installation status and planning: mechanics, off-shore and on-shore electronics, data transmission, PMTs, data acquisition and trigger, data storage ...;

Session | **Location:** LNS - Catania | **Convener:** Marco Anghinolfi

12:00-12:15 Architettura della Torre

Speaker

Dr ANDREA MIRAGLIA

12:15-12:30 Architettura del sistema di potenza

Speaker

Ms Rosanna Cocimano

12:30-12:45 Trasmissione ottica

Speaker

Ms Sara Rita Pulvirenti

12:45-13:00 Elettronica di piano

Speaker

Carlo Alessandro Nicolau

13:00-13:15 LED Beacon Test

Speaker

Giulia De Bonis

13:15-13:30 PORFIDO

Speaker

Luciano Trasatti

13:30

14:30

KM3NeT-IT project: The Towers: Towers construction-installation status and planning: mechanics, off-shore and on-shore electronics, data transmission, PMTs, data acquisition and trigger, data storage ...;

Session | **Location:** LNS - Catania | **Convener:** Marco Anghinolfi

14:30-14:45 Sviluppo elettronica shore station

Speaker

Andrea Biagioni

14:45-15:00 Integrazione dei moduli ottici

Speaker

Sebastiano Aiello

15:00-15:15 Sea operation

Speaker

Klaus Peter Leismuller

15:15-15:30 Analisi dei dati raccolti durante l'unfurling della Torre

16:30

Speaker

Dr Angelo Orlando

17:00

KM3NeT-IT project: The Strings: Strings construction-installation status and planning: mechanics, off-shore and on-shore electronics, data transmission, PMTs, data acquisition and trigger, ...;**Session** | **Location:** LNS - Catania | **Convener:** Marco Circella

17:00–17:30

DOMs, DUs and KM3NeT-Europe

17:30–18:00

PPM-DU: what we have learnt from it for Phase-1**Speaker**

Simone Biagi

18:00–18:20

Power system for the strings**Speaker**

Ms Rosanna Cocimano

18:20–18:40

DAQ for the strings**Speaker**

Dr Tommaso Chiarusi

18:40–19:00

Calibration of the strings**Speaker**

Giorgio Maria Riccobene

19:00

Friday 28 November

09:00

KM3NeT-IT project: The Strings: Strings construction-installation status and planning: mechanics, off-shore and on-shore electronics, data transmission, PMTs, data acquisition and trigger, ...;

Session | **Location:** LNS - Catania | **Conveners:** Marco Anghinolfi, Marco Circella

09:00–09:30 Tests of PMT 3"

Speaker

Carlos Maximiliano Mollo

09:30–09:45 Preparation of DOM integration in Naples

Speaker

Daniele Vivolo

09:45–10:00 Preparation of DOM integration in Catania

Speaker

Emanuele Leonora

10:00

10:00

KM3NeT-IT project: The deep sea infrastructure: construction-installation status and planning

Session | **Location:** LNS - Catania | **Convener:** Mr Riccardo Papaleo

10:00–10:15 Vessel e sistema di cablaggio JB

Speaker

Giorgio Cacopardo

10:15–10:30 Telaio JB e sistema di cablaggio della rete di fondo

Speaker

Dr ANDREA MIRAGLIA

10:30–10:45 Sistema di trasmissione ottica JB

Speaker

Ms Sara Rita Pulvirenti

10:45–11:00 Assemblaggio manifold e JB Ottica

Speaker

Dr Salvatore Viola

11:00–11:15 Architettura Elettronica e sistema di potenza JB

Speaker

Ms Rosanna Cocimano

11:15–11:30 Test di caratterizzazione JB e risultati post deployment

Speaker

Dr Angelo Orlando

12:00

12:30

KM3NeT-IT project: Towers+Strings on-shore items**Session** | **Location:** LNS - Catania | **Convener:** Dr Tommaso Chiarusi**12:30-12:35 Introduction****Speaker**

Dr Tommaso Chiarusi

12:40-12:50 Lavori a corredo della Stazione di Portopalo**Speaker**

Gaetano Schillaci

12:50-13:05 Upgrading TriDAS for the 8 towers of KM3NeT-Italy**Speaker**

Matteo Manzali

13:05-13:20**TSC - The Tridas system controller and its interfaces with Data Base and Data Manager****Speakers**

Matteo Favaro, Mr Matteo Favaro

13:20-13:35 Data Base services in KM3**Speaker**

Cristiano Bozza

13:35-13:50 Offline Trigger System**Speaker**

Luigi Antonio Fusco

13:50-14:05 Parallel Neutrino Triggers using GPUs for an underwater telescope**Speaker**

Dr Bachir Bouhadeb

14:05

15:00

KM3NeT-IT project: Software and Montecarlo developments, simulation: KM3NeT-IT software developments, ORCA etc...**Session** | **Location:** LNS - Catania | **Convener:** Antonio Capone**15:00-15:30 Simulazioni Monte Carlo in KM3NeT****Speaker**

Rosa Coniglione

15:30-16:00 Il progetto ORCA per la misura della gerarchia di massa dei neutrini**Speaker**

Piera Sapienza

16:00-16:20 Analisi Montecarlo dei tau in KM3NeT**Speaker**

R. Mele

17:00