

## **Session Program**

**Oct 12 - 14, 2011**



# **VLVnT11 - Very Large Volume Neutrino Telescope Workshop (2011)**

## ***Parallel Session 4***

Physics Lecture Hall, HG  
Hörsaalgebäude - Staudtstraße 5 - 91058 Erlangen - Germany

# Wed, October 12

4:30 PM

## Parallel Session 4: Photodetection and Readout

**Session** | **Location:** Physics Lecture Hall, HE | **Conveners:** Oleg Kalekin, Tass Belias

16:30 - 16:50 **PMT measurements in Antares**

**Speaker**

Dr Oleg Kalekin

16:50 - 17:10 **Terrestrial Magnetic Field Effects on Large Photomultipliers**

**Speaker**

Dr Emanuele Leonora

17:10 - 17:30 **Ageing Characterization on Large Area Photomultipliers**

**Speaker**

Dr Emanuele Leonora

17:30 - 17:50 **Status of the PMT development for KM3NeT**

**Speaker**

Mr Lew Classen

17:50 - 18:10 **Performance of Photo-Sensors for KM3NeT**

**Speaker**

Qader Dorosti

18:10 - 18:30 **Photomultiplier Design and Manufacture at ET Enterprises**

**Speaker**

Andy Cormack

18:30 - 18:50 **A TDC for characterization of KM3NeT PMTs**

**Speaker**

Gerard Kieft

18:50 - 19:10 **VSIPMT for underwater neutrino telescopes**

**Speaker**

Dr Daniele Vivolo

19:10 - 19:30 **A large surface Photomultiplier based on SiPMs**

**Speaker**

Carlos Maximiliano Mollo

7:33 PM

## Thu, October 13

10:00 AM

### Parallel Session 4: Photodetection and Readout

**Session** | **Location:** Physics Lecture Hall, HE | **Conveners:** Oleg Kalekin, Tass Belias

10:00 - 10:20

#### Reconfigurable hardware applications on NetFPGA for network monitoring in large area sensor networks

**Speaker**

Mr Vasileios Koutsoumpos

10:20 - 10:40

#### SCOTT: A time and amplitude digitizer ASIC for PMT signal processing using multi time over threshold technique.

**Speakers**

Sophie Catherine Ferry, Sophie Ferry

10:40 - 11:00

#### Latest progress in PMT development

**Speaker**

Yuji Hotta

11:00 - 11:20

#### FPGA shore station demonstrator for KM3NeT

**Speaker**

Dr Kostas Manolopoulos

11:20 - 11:40

#### Photonics-oriented data transmission network for the KM3NeT prototype detection unit

**Speaker**

Jelle Hogenbirk

11:40 - 12:00

#### Data readout system utilizing photonic integrated circuit

**Speaker**

Mr Stanislaw Stopinski

12:00 - 12:20

#### White Rabbit: Sub-Nanosecond Timing over Ethernet

**Speaker**

Henk Peek

12:20 - 12:40

#### Embedded electronics and data acquisition of a detection node for the European KM3NeT telescope.

**Speaker**

frederic louis

1:00 PM