

Session Program

12-14 Oct 2011



VLVnT11 - Very Large Volume Neutrino Telescope Workshop (2011)

Parallel Session 4

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

Wednesday 12 October

16:30

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 Dorostti

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

19:33

Thursday 13 October

10:00

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

frédéric louis

13:00