

Session Program

27 May 2018 to 2 June 2018

PM2018 - 14th Pisa Meeting on Advanced Detectors

Photo Detectors and PID - Poster Session

La Biodola - Isola d'Elba (Italy)

Monday 28 May

16:00

Photo Detectors and PID - Poster Session

Poster Session | **Location:** La Biodola - Isola d'Elba (Italy)

Characterization of VUV-sensitive SiPMs for nEXO

Speaker

Michael Wagenpfeil

The Endcap Disc DIRC detector of PANDA

Speaker

Klaus Foehl

Evaluation of a hybrid pixel detector prototype for time resolved experiments at the ODE beamline of the SOLEIL Synchrotron

Speaker

Diana Bachiller-Perea

The PANDA barrel-TOF detector at FAIR

Speaker

Sebastian Zimmermann

Performance of X-rays crystal detectors with SiPM array readout exposed to the RIKEN RAL low energy muon beam

Speaker

Alessandro Menegolli

The Barrel DIRC detector of PANDA

Speaker

Carsten Schwarz

Operational Evaluation of Silicon Photomultiplier Based Prototype Detector Modules Installed in the MAGIC Telescopes

Speaker

Alexander Hahn

Use of silicon photonics wavelength multiplexing techniques for fast parallel readout in high energy physics

Speaker

Fabio De Matteis

A low energy x-ray Compton polarimeter prototype

Speaker

Uwe Spillmann

Analysis of the Performance of Photon Detection Methods Using Silicon Photomultiplier in the Application with High Throughput Requirements

Speaker

Mateusz Baszczyk

TORCH: a large area time-of-flight detector for particle identification

Speaker

harnew Neville

First Experience with the Belle II Aerogel RICH Detector**Speaker**

Manca Mrvar

Detection of Vacuum Ultra-Violet light by means of SiPMs with and without a wave-length shifter coating for High Energy Physics experiments**Speaker**

Massimo Rossella

Upgrade of the Time-of-Flight system of the CMD-3 detector**Speaker**

Artem Amirkhanov

Optimized MPGD-based photon detectors for high momentum particle identification at the Electron-Ion Collider.**Speaker**

Jinky Agarwala

Optimal Design of Plastic Scintillator Counter with Multiple SiPM Readouts for Best Time Resolution**Speaker**

Rina Onda

Real-Time Measurement System with Automatic Gain Detection and Autocalibration for Silicon Photomultipliers**Speaker**

Piotr Dorosz

Characterization of FBK NUV-HD SiPMs for the pSCT camera proposed for the CTA experiment**Speaker**

Serena Loporchio

The TORCH PMT, a close packing, long life MCP-PMT for Cherenkov applications with a novel high granularity multi-anode**Speaker**

James Milnes

Radiation Damage Effect on Time Resolution of 6 Series-connected SiPMs for MEG II Positron Timing Counter**Speaker**

Masashi Usami

The upgraded beam monitor system for the FAMU experiment at RIKEN-RAL**Speaker**

Maurizio Giorgio Bonesini

Measurement of the Response of Silicon Photomultipliers from Single Photon Detection to Saturation**Speaker**

Quirin Weitzel

Another step in photodetection innovation: the 1-inch VSiPMT prototype**Speaker**

Felicia Carla Tiziana Barbato

Neutrino-Antineutrino Identification in a Liquid Scintillator Detector: towards a novel decay-at-rest-based neutrino CPV framework**Speaker**

Marco Grassi

A large silicon photomultiplier for the readout of barium fluoride scintillation light**Speaker**

David Hitlin

PID techniques and performance at LHCb in Run 2**Speaker**

Mikhail Hushchyn

A SiPM based cryogenic Photo Detector Module for dark matter searches OK**Speaker**

Andrea Mandarano

Monte Carlo Modelling of Optical Crosstalk in Silicon Photomultipliers**Speaker**

JAMIE WILLIAMS

Modelling of picosecond timing signals from fast vacuum photodiodes**Speaker**

Jon Lapington

Spatial time resolution of MCP-PMTs as a time reference with sub-4 picoseconds precision**Speaker**

Lukas Sohl

MCP-PMT production for Belle II TOP detector and further R&D**Speaker**

Kenji Inami

Fast Neutron detectors with silicon photomultiplier readouts**The 'Gen-II' LAPPDTM: Large-Area Ceramic-Body Planar MCP-based Photo-Detectors: Large-Area Ceramic-Body Planar MCP-based Photo-Detectors****Speaker**

Andrey Elagin

A novel bowl-shape microchannel plate with high electron collection efficiency and good time resolution**Speaker**

Ping Chen

Design of the microchannel plate photomultiplier tube for applications in strong magnetic fields

Speaker

Ping Chen

New Ultra-High cell-Density Silicon Photomultipliers with improved performance**Speaker**

Giovanni Paternoster

Proton flux monitor(s) for the UA9 Experiment**Speaker**

Sebastien Dubos

Application of Silicon Photomultiplier Model to the Design of Front-End Electronics**Speaker**

Mateusz Baszczyk

19:45