

Session Program

18-22 Sept 2017

**SCINT 2017 - 14th Int. Conference on
Scintillating Materials and their Applications**

Poster Session 1

Congress Centre "Le Majestic"
Chamonix (FR)

Tuesday 19 September

10:00

Poster Session 1

Poster Session | **Location:** Congress Centre "Le Majestic", Chamonix (FR) | **Conveners:** Kristof Pauwels, Marco Pizzichemi, Remi Chipaux

A scintillator detector for beam tuning of low energy single electron accelerator

Speaker

Dr Yuguang Xie

Application of a LaBr₃(Ce) Scintillation Detector to an Environmental Radiation Monitor

Speaker

Dr Young-Yong Ji

Coincidence Resolution Time Measurements of LaBr₃ (Ce) Detectors with a Fully Digital Acquisition System.

Speaker

Mr Víctor Sánchez-Tembleque

Scintillators in high-power laser driven experiments

Speaker

Medhi Tarisien

Fast scintillation X-ray detector using proportional-mode Si-APD and a HfO₂-nanoparticle-doped plastic scintillator

Speaker

Prof. Shunji Kishimoto

Development of SiPM based Scintillation Detector for Energy Selective X-ray Imaging

Speaker

Chanwoo Park

Tl₂GdCl₅ (Ce³⁺): A new efficient scintillator for X and γ -rays detection

Speaker

Prof. Gul Rooh

Characterizing some detection properties of Zinc Oxide nanowires in Anodic Aluminium Oxide membrane, as a novel high spatial resolution X-ray imager

Speaker

Dr Fatemeh Esfandi

High resolution Thick ZnO Nanowires in AAO Template for Hard X-Ray Imaging Applications

Speaker

Dr Shahyar Saramad

Li₂Se(Ag) A New Neutron Sensitive Scintillator

Speaker

Richard Riedel

Evaluation of ZnS/6LiF and ZnO/6LiF scintillation neutron detectors read out with SiPMs**Speaker**

Dr Malte Hildebrandt

Neutron detection using Li-loaded scintillators coupled to a custom-designed silicon photomultiplier array**Speaker**

Dr Felix Liang

Novel scintillator screens for fast neutron detection with improved efficiency and spatial resolution**Speaker**

Bernhard Walfort

Scintillation powders for neutron detection**Speaker**

Lucie Fišerová

Newly developed flexible thermal neutrons detectors containing 6LiF nanocrystals**Speaker**

Michela Vesco

Lithium di-silicate $\text{Li}_2\text{O}\cdot 2\text{SiO}_2\text{:Tb}$ bright scintillation glass for thermal neutron detection**Speaker**

Yauhen Tratsiak

A study of $40\text{Ca}\{100\}\text{Mo}_4$ scintillation crystals for the AMoRE-I experiment**Speaker**

Mr J.Y. Lee

Phonon-scintillation properties of molybdate crystals for neutrino-less double beta decay experiment**Speaker**

Ms Hyeelim Kim

Particle discrimination with low-temperature detectors based on CaMoO_4 scintillating crystals**Speaker**

Dr Hyon-Suk Jo

Pre-production and quality assurance of the Mu2e crystals**Speaker**

Renyuan Zhu

Pre-production and quality assurance of the Mu2e Silicon Photomultipliers**Speaker**

Dr Stefano Miscetti

A scintillator based charged particle veto system for the PADME experiment

Speaker

Georgi Stefanov Georgiev

Pulse Shape Discrimination with CsI(Tl) to Improve Hadron Particle Identification at High Energy Physics Experiments**Speaker**

Savino Longo

The CMS ECAL Upgrade for Precision Crystal Calorimetry at the HL-LHC**Speaker**

Arash Jofrehei

Radiation Damage of CMS HCAL Scintillator/WLS fiber readout during Run1 and Run2**High Dynamic Range Front-End Circuit for SiPM-Based Readout of Large LaBr3 Crystals****Speaker**

Mr Giovanni Ludovico Montaganani

Characterization of Cs₂LiLaBr₆:Ce (CLLB) Scintillator with Silicon Photomultiplier Arrays**Speaker**

Dr Adam Garry Tuff

Development of SiPM-based X-ray counting scintillation detector for security applications**Speaker**

Dmitry Philippov

Investigation on electron beam radiation defects induced in KETEK PM3350 silicon photomultipliers**Speaker**

Dr Andrei Stancalie

Implementation of an analytical model of SiPM in GATE**Speaker**

Mathieu Dupont

Measurements of Position and Depth of Interaction using Silicon PhotoStrip Sensors with a CsI(Tl) Crystal Scintillator**Speaker**

Ms Hyebin Jeon

Design of the fast radiation detector with 10-picosecond time resolution based on crossluminescence scintillator**Speaker**

Dr Irina Kamenskikh

Ionization Quenching Correction of Volumetric Organic Scintillators for use in Proton Therapy**Speaker**

Mr Fahed Alsanea

Development of High Spatial Resolution Dosimeter for Medical Uses by Colorimetric Discrimination Method

Speaker

ChungBo Shim

Scintillation materials for PET/MRI coupled to digital SiPM

Speaker

Dr Bjoern Seitz

Development and Evaluation of PET-Compton imager based on Ce:Gd₃Ga_{2.7}Al_{2.3}O₁₂ and CeBr₃ scintillators with SiPM arrays

Speaker

Kenji Shimazoe

Development of a SiPM based DOI-PET detector module using depth-dependent reflector pattern within a single layer scintillator

Speaker

Mr Hankyeol Song

Development of a detector module suitable for Whole body PET with improved timing performance

Speaker

Tahereh Niknejad

Temporal Imaging for PET: Coincidence Timing results on 20 mm LYSO crystals

Speaker

Mr Mohamed Zied HMISSI

Breast-dedicated PET system with a personalized gantry

Speaker

In Soo Kang

11:00