

Session Program

18-22 Sept 2017

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

Poster Session 2

Congress Centre "Le Majestic"
Chamonix (FR)

Wednesday 20 September

10:00

Poster Session 2

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

PHOTOELASTIC SPHENOSCOPIC OBSERVATIONS FOR RELIABLE AND FAST INSPECTION OF ANISOTROPIC CRYSTALS.

Speaker

Mr Pier Paolo Natali

Vacuum Ultraviolet Luminescence Spectroscopy Setup at Max IV Laboratory

Speaker

Dr Vladimir Pankratov

Silica coating of scintillating nanoparticles

Speaker

Kateřina Tomanov

Impact of wrapping materials and bonding adhesives on light transfer efficiency (LTE) and light transfer time spread (LTTS) in scintillation detectors

Speaker

Mr Francis Loignon-Houle

Improvement of light extraction from scintillators due to the surface modification in microscale using Xe-PFIB

Speaker

Mr Paweł Modrzyński

Facile Synthesis of High Purity Anhydrous Complex Rare Earth Halides by the Modified Mixed-Salts-Dehydration Method

Speaker

Dr Jinqiu Yu

Photo-induced preparation of band-gap-engineered garnet powders

Speaker

Dr Jan Brta

LuAG:Pr³⁺ - BASED NANOHYBRID SYSTEMS FOR SINGLET OXYGEN GENERATION

Speaker

Kseniya Popovich

Scintillation characteristics of liquid phase epitaxy grown GAGG:Ce single crystalline films

Speaker

Dr Weerapong Chewpraditkul

Directionally Solidified Eu³⁺ and Y³⁺ Co-Doped HfO₂/α-Al₂O₃ Eutectic Scintillators

Speaker

Prof. Akira Yoshikawa

Scaling and scintillation performance of TLYC:Ce**Speaker**

Ivan Khodyuk

Growth and scintillation characteristics of a Cs₂Mo₂O₇ single crystal**Speaker**

Dr Moo Hyun Lee

Optimization of dopant and scintillation fibers diameter of GdAlO₃/a-Al₂O₃ eutectic for X-ray phase imaging detector**Speaker**

Prof. Kei Kamada

High proportional LaBr₃:(Ce,Sr) scintillator at industrial scale, properties and characterization**Speaker**

Dr Vladimir Ouspenski

Single crystalline film scintillators based on the Ce³⁺ doped Ca₂RMgScSi₃O₁₂:Ce (R=Y, Lu) garnets**Speaker**

Yuriy Zorenko

Scintillating screens based on the single crystalline films of Eu³⁺ doped mixed RAlO₃ (R= Tb, Gd, Lu) perovskites**Speaker**

Yuriy Zorenko

Czochralski growth of YAG- and LuAG-based scintillators under reducing conditions.**Speaker**

Mr Pavlo Arhipov

EFG Growth of SrI₂(Eu) and CLYC Scintillators**Speaker**

Stacy Swider

Crystal Growth and Scintillation Properties of Ce doped Barium Lanthanide Chlorides**Speaker**

Mr yuki furuya

Control of dopant segregation in colquiriite-type fluoride single crystal scintillators**Speaker**

Prof. Yuui Yokota

The effect of bandgap energy and electron trap of Ce-doped Y-admixed lanthanum gadolinium pyrosilicate scintillator**Speaker**

Mr Takahiko Horiai

Crystal growth and optical properties of benzoic acid crystals for neutron scintillator**Speaker**

Akihiro Yamaji

Industrial development of fast scintillator materials**Speaker**

Ms Silvia Sykorova

Scintillation properties and radiation tolerance of Alkali Free Fluorophosphate Glasses with different dopant concentrations**Speaker**

Dr Marco Toliman Lucchini

Radiation hardness investigation of ZnO(Ga) and ZnO(In) with heavy ion beams.**Speaker**

Dr Plamen Boutachkov

Radiation tolerant YAGG:Ce scintillation material for collider experiments**Speaker**

Dr Valery Dormenev

Scintillation Efficiency and Position Sensitivity for Radiation Events in Plastic Scintillators**Speaker**

Ms Ngan N.T. Tran

Proton-Induced Radiation Damage in BaF₂, BGO, LYSO and PWO Crystal Scintillators**Speaker**

Liyuan Zhang

Neutron-Induced Radiation Damage in BaF₂, LYSO and PWO Crystals**Speaker**

Liyuan Zhang

Radiation damage tests of diamond and scintillation detector components for the ITER Radial Neutron Camera**Speaker**

Alessia Cemmi

11:00