

Session Program

18-22 Sept 2017

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

Poster Session 3

Congress Centre "Le Majestic"
Chamonix (FR)

Thursday 21 September

10:00

Poster Session 3

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

Light pulse decays and non-proportionality characteristics of CsI:TI at temperatures down to -70°C

Speaker

Zuzanna Mianowska

Cerium-doped gadolinium fine aluminum gallate (Ce:GFAG) in scintillation spectrometry

Speaker

Dr Joanna Iwanowska-Hanke

Scintillation properties of Gd₃(Al_{5-x}Ga_x)O₁₂:Ce; x = 2.3, 2.6, 3.0 single crystals

Speaker

Mr Warut Chewpraditkul

Comparative study of GdLu₂Al₂Ga₃O₁₂:Ce and GdY₂Al₂Ga₃O₁₂:Ce scintillation crystals for γ - ray detection

Speaker

Dr Ongsa Sakthong

Reduced Afterglow CsI:TI,Sm for High Energy Imaging

Speaker

Dr Vivek Nagarkar

Optical and radioluminescent properties of ZnO, ZnO:Ga and ZnO:In ceramics

Speaker

Dr Kirill Chernenko

CeBr₃ - a well characterized new scintillator for gamma-ray spectrometry

Speaker

Dr Wolfram Westmeier

Afterglow and quantum tunneling in Ce-doped lutetium aluminum garnet

Speaker

Dr Eva Mihóková

Efficiency studies on Gd₃Ga₃Al₂₀12 scintillators: Simulations and measurements

Speaker

Ms Sheetal Rawat

Response of alpha particles in GAGG:Ce scintillators and correlation with non-proportionality patterns down to 0.1 keV

Speaker

Dr Pawel Sibczynski

Temperature Quenching of Radio- and Photoluminescence of $\text{Y}_3(\text{Ga},\text{Al})_5\text{O}_{12}:\text{Ce}^{3+}$ and $\text{Gd}_3(\text{Ga},\text{Al})_5\text{O}_{12}:\text{Ce}^{3+}$ Garnet Ceramics

Speaker

Ivan Venevtsev

Luminescence properties of rare earth ions in novel garnets and glasses

Speaker

Augustas Vaitkevičius

Scintillation parameters improvement of LuAG:Ce epitaxial films by Mg co-doping

Speaker

Petr Prusa

Thermoluminescence evidence of grain boundary structural disorder in LuAG:Ce optical ceramics

Speaker

Dr F. Moretti

Luminescence, scintillation and energy transfer in the doubly doped LuAG:Pr,Dy single crystal

Speaker

Juraj Páterek

Effects of Annealing and Mg-codoping on Luminescence and Scintillation Properties of Ce Doped Garnet-Based Scintillator Grown by Micro Pulling Down Method

Speaker

Prof. Kei Kamada

Luminescent ZnO:Ga nanopowder: Surface passivation and limiting the particle agglomeration

Speaker

Lenka Prochazkova

Scintillation Properties of TlGd_2Cl_7 (Ce^{3+}) Single Crystal

Speaker

Mr Arshad Khan

Luminescence and Scintillation properties of novel disodium dimolybdate ($\text{Na}_2\text{Mo}_2\text{O}_7$) single crystal

Speaker

Indra Raj Pandey

Temperature dependence of Ce^{3+} emission kinetics in Mg^{2+} co-doped GAGG:Ce epitaxial garnet films

Speaker

Prof. Miroslav Kucera

Effect of Co-doping on Pulse Shape Discrimination Properties of $\text{Gd}_3\text{Ga}_3\text{Al}_{20}\text{O}_{12}:\text{Ce}$ Scintillators

Speakers

Dr Mohit Tyagi, Ms Sheetal Rawat

LUMINESCENCE OF $\text{LiLa}_9(\text{SiO}_4)_6\text{O}_2$ SILICATE CRYSTALS DOPED WITH Ce^{3+} and Pr^{3+} IONS

Speaker

Prof. Vladimir Pustovarov

Suppression of the Slow Scintillation Component in BaF_2 Crystals by Y^{3+} Doping

Speaker

Prof. Junfeng Chen

Role of yttrium in thermoluminescence of $\text{LYSO}:\text{Ce}$ crystals

Speaker

Prof. Dongzhou Ding

Improved cathodoluminescence performance of Mg-doped $\text{LuAG}:\text{Ce}(\text{GdGa})$ single crystalline films

Speaker

Mr Ondřej Lalinský

Luminescent properties of Cesium Hafnium Chloride scintillators doped with alkaline earth metals

Speaker

Mr Shohei Kodama

Characterizations and simulations of structured scintillators for synchrotron applications

Speaker

Mr Paul-Antoine Douissard

Luminescence and Scintillation properties of Ce-doped GdBO_3 nanophosphor synthesized by aqueous sol-gel method

Speaker

Mr Mourad Seraiche

Innovative $\text{LaBr}_3(\text{Ce})$ geometries optimized for fast timing applications

Speaker

Maria Victoria Vedia Fernandez

Influence of gallium content and position on thermally stimulated luminescence of multicomponent $(\text{Y,Lu,Gd})_3(\text{Ga,Al})_5\text{O}_{12}:\text{Ce}$ garnets

Speaker

Vladimir Babin

Luminescence Properties of Mn^{4+} Doped $\text{CaY}_2[\text{MgM}](\text{AlSi}_2)\text{O}_{12}$ (M = Al, Sc, Ga) Garnets

Speaker

Dr Sebastian Vielhauer

Effect of Au Co-Doping on the Scintillation Performance of $\text{BaBrCl}:\text{Eu}$ Single Crystal

Speaker

Tetiana Shalapska

Optical properties of Eu^{2+} doped BaBrI , BaClI and SrBrI crystals

Speakers

Mr Roman Shendrik, Mr Alexey Shalaev

Scintillation properties of high-resolution $\text{La}(\text{Br}_x\text{Cl}_{1-x})_3\text{:Ce}$ and high-sensitivity CeBr_3 crystals**Speaker**

Dr Sibylle Petrak

Connection between TSL and afterglow in mixed oxide garnet ceramics**Speaker**

Vasilii Khanin

The emission centers in YAG crystals grown in various conditions**Speaker**

Dr Sergey Vasyukov

11:00