

Session Program

May 24 - 29, 2026

**18th International Conference on
Scintillating Materials and their Applications**

***Poster Session: Nano- and metamaterials,
hybrids, organic, and liquid scintillators***

Tue, May 26

4:00 PM

Poster Session: Nano- and metamaterials, hybrids, organic, and liquid scintillators

Poster Session |

Location: Lahan Select Gyeongju, 338 Bomun-ro, Gyeongju, Gyeongsangbuk-do, Korea (338)

Cost Effective Fabrication of LaF3:Ce Nanophosphor Embedded Hybrid Plastic Scintillator for Radiation Detection Applications

Speaker

Mr Praveen Joshwa Ramesh

Luminescent hybrid halide material for scintillation and latent fingerprint development

Speaker

Pragati Sahu

Effects of Irradiation on Luminescent Properties of CexLa1-xF3:Tb3+ Scintillating Nanoparticles

Speaker

Xenie Lytvynenko

Structural, Optical, and Electrical Evolution of Copper Selenite Nanocrystals Induced by Annealing

Speaker

Gulnaz Sarsekhan

Nanocomposite Scintillator Films for Enhanced Gamma-Ray Interaction

Speaker

Karmel DE OLIVEIRA LIMA

P-Terphenyl as Novel Organic Scintillator for Alpha Spectroscopy, X-ray, Beta, and Neutron Detection as well as other Advanced Applications

Speaker

Dr Henry Chen

Performance of extruded polystyrene-based plastic scintillators

Speaker

Rastislav Hodak

Scalable Nanophotonic Scintillators

Speaker

Mr James Pratt

Investigation of Light Collection Enhancement in Scintillation Detectors via Micro-lens Array

Speaker

Suyeon Hyeon

Synthesis, Characterization and X-ray Scintillation of CaWO4 Embedded Polystyrene Composite Films

Speaker

Manaswita Patnaik

Rh Doping Effects in BaTiO₃ Semiconductor Nanoparticles for Oxygen Evolution Reaction**Speaker**

Zakiyeva Zhadyra

Ce-doped yttrium silicate nanoscintillators prepared by reactive nanocasting: towards porous scintillating silicate monoliths for gas detection**Speaker**

Aurélie Bessière

Development of CsI:TI Nanoparticles by Pulsed Laser Ablation Technique for Radiation Detection**Speaker**

Dr Divya Pandya

Facile, scalable, and high-yield synthesis of a near-unity quantum yield zero-dimensional copper halide Cs₃Cu₂Cl₅ scintillator for high-resolution X-ray imaging**Speaker**

Youngseung Choi

Cathodoluminescence Characterization of Luminescent Fluoride Nanoparticles**Speaker**

Ondrej Lalinsky

Engineered Nanostructuring in Lu₂O₃:Eu for Enhanced Scintillation Efficiency: From Core-Shell Design to Benchmarked Performance**Speaker**

AMRITPAL SINGH NAFRIA

Stokes Shift-Engineering Strategies Toward Reabsorption-Free Nanoscintillators**Speaker**

Dr Chenger Wang

Exploration of Ultra Fast and Bright Scintillators**Speaker**

Kaleab Ayalew

Polymer-Assisted Precursor Spin-Coated Cs-Cu-I Thin Films for Scintillator**Speaker**

Se Hyun Park

Additive Manufacturing of Photopolymerizable Organic Scintillators for Triple Radiation Discrimination**Speaker**

Margo Cicero

Engineering energy-harvesting multicomponent nanoscintillators for enhanced cancer radiotherapy**Speaker**

Prof. Angelo Monguzzi