

Session Program

May 24 - 29, 2026

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

***Poster Session: Crystal growth and
structural control***

Tue, May 26

4:00 PM

Poster Session: Crystal growth and structural control**Poster Session** |**Location:** Lahan Select Gyeongju, 338 Bomun-ro, Gyeongju, Gyeongsangbuk-do, Korea (

338)

Scintillation Properties of Large BSO Crystals for Future High-Energy Physics Experiments**Speaker**

Mingxue Deng

Mass production of enriched Li₂100MoO₄ crystals with high purity levels**Speaker**

Mr JuKyung Son

Features of Czochralski growth of 2-inch Ce-doped Y-Al-Ga garnet crystals for scintillator applications**Speaker**

Mr Yasuhiro Shoji

NaI(Tl) polycrystals grown by skull method for well-logging applications**Speaker**

Dr Volodymyr Taranyuk

Improving Internal Radiopurity in NaI(Tl) Crystals for Dark Matter Search Experiments**Speaker**

Chorok Byeon

SUBSTRATE-GUIDED GROWTH OF MILLIMETER-THICK, LARGE-AREA PEROVSKITE SINGLE CRYSTALS FOR HIGH-PERFORMANCE X-RAY DETECTION**Speaker**

KIM HYUNJUN

Melt growth of 1 inch CsPbBr₃ single crystal and photoconductivity studies**Speaker**

Mr PRADHUMN DIXIT

CsCu₂I₃ Single Crystals via Bridgman Technique for Scintillator Applications**Speaker**

Ms Hemlata Kumawat

Improved performance of single crystal-based X-ray detector via 2D layer formation**Speaker**

Dakyounng Lee

Bridgman growth and luminescence properties of Na-doped Li₂MoO₄ crystals**Speaker**

Ms

Optical and Scintillation Properties of Lu₃TaO₇ Single Crystals with High Density Grown by Advanced Crystal Growth Method

Speaker

Yuui Yokota

Interface engineering in Halide Perovskite Single Crystal (PSC) devices for enhanced Gamma Spectroscopy

Speaker

PRACHI GUPTA

Evaluation of the Spectroscopic Reliability of Lead-Free Cs₃Cu₂I₅ Perovskite Scintillators for Nuclear Medicine

Speaker

Dr Chansun Park

6:40 PM