Session Program

Nov 5 – 7, 2025

26TH SYMPOSIUM ON PHOTONICS AND OPTICS SPO 2025

Perovskites & Semiconductor Devices (PV/ LED)

Zoom and Faculty of Physics, Taras Shevchenko National University of Kyiv, Kyiv, Ukraine, Room 261(Laboratory building)
The conference will be performed in HYBRID mode: - On-site at Faculty of Physics of Trars Shevchenko National University of Kyiv - VIa ZOOM platform

Thu, November 6

1:00 PM

Perovskites & Semiconductor Devices (PV/LED)

Session |

Location: Zoom and Faculty of Physics, Taras Shevchenko National University of Kyiv, Kyiv, Ukraine, Room 261(Laboratory building), The conference will be performed in HYBRID mode: - On-site at Faculty of Physics of Trars Shevchenko National University of Kyiv - VIa ZOOM platform

1:00 – 1:20 PM

Self-assembled growth of high-quality InGaN ‘lotus seed pod’ structures with red emission

Speaker
Dr Oksana Koplak

1:20 – 1:35 PM

Structural and Optical Properties of Aziridinium Germanium Hybrid Perovskites

Speaker
Hanna Petrosova

1:35 – 1:50 PM

Aziridinium Cation as a Universal Building Block for HOIPs of Variable Dimensionality

Speaker
Olesia Kucheriv

1:50 – 2:05 PM

2D Hybrid Perovskite with Narrow-Band Violet-Blue Emission

Speaker
Dr Valerii Sirenko

2:05 – 2:20 PM

Backside surface engineering for improved performance of CIGS and CZTS solar cells: application of titanium dioxide (TiO) and graphene oxide (rGO) layer

Speaker
Dr DOUNIA FATIHI

2:20 – 2:35 PM

Mn-Doped $BaSnO_3$ Perovskites for Next-Generation Optoelectronics: A First-Principles Investigation

Speaker
YOUNES ELALAOUI

2:50 PM