

Session Program

5-7 Nov 2025

26TH SYMPOSIUM ON PHOTONICS AND OPTICS SPO 2025

Functional Oxides, Glasses & Thin-Film Processing

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

Friday 7 November

10:30

Functional Oxides, Glasses & Thin-Film Processing

Session |

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Convener: Dr Kateryna Yablochkova

10:30–10:45

Structural, Microstructural, and Dielectric Properties of $\text{Ba}(2-x)\text{Sr}(x)\text{GdFeNb}_4\text{O}_{15}$ Ceramics with Tetragonal Tungsten Bronze Structure

Speaker

Ms Kenza Bahassan

10:45–11:00

Structural and Optical Features of Molybdenum-Doped Phosphate Glasses

Speaker

Dr Kateryna Terebilenko

11:00–11:15

Structural studies of As-S-Se glasses

Speaker

Hanna Kochubei

11:15–11:30

Tailoring the Optical and Structural Properties of Si-Doped HfO_2 Films by Hydrogen-Assisted Magnetron Sputtering and Post-Annealing treatment

Speaker

Mr Dmytro Khomenkov

11:30