

Session Program

5-7 Nov 2025

26TH SYMPOSIUM ON PHOTONICS AND OPTICS SPO 2025

Photonics, Lasers & Sensing

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

09:00

Photonics, Lasers & Sensing

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 |

Convener: Dr Kateryna Yablochkova

09:00–09:15

Performance Evaluation of the 'Cat-Eye' Effect Induced by a Laser System for Locating Optical Systems

Speaker

Prof. Yaroslav Sharlovych

09:15–09:30

Portable sensor platform based on plasmon-enhanced fluorescence for explosives detection

Speaker

Dr Andrii Lopatynskyi

09:30–09:45

Quantitative Surface Texture Metrology via Single-Image Statistical Analysis of Laser Speckle

Speaker

Artem Sachko

09:45–10:00

Energy state of the electronic subsystem of porous carbon material caused by laser irradiation

Speaker

Ivan Budzuliak

10:00–10:15

Application of laser Doppler vibrometry for detection of objects buried in the soil

Speaker

Dr Lyudmyla Borkovska

10:15