

Session Program

5-7 Nov 2025

26TH SYMPOSIUM ON PHOTONICS AND OPTICS SPO 2025

Synchrotron Photoemission & X-ray Spectroscopies

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

Wednesday 5 November

14:20

Synchrotron Photoemission & X-ray Spectroscopies

Session |

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Convener: Dr Danylo Babich

14:20–14:50

Controlling Dirac-Rashba and Double Dirac Surface States in Topological Crystalline Insulator via Ultrathin Transition Metal Layers

Speaker

Dr Valentine Volobuev

14:50–15:15

Looking for Topological Quantum Materials With ARPES

Speaker

Dr Volodymyr Bezguba

15:15–15:30

A ToF-PAX-RIXS Endstation for Combined ARPES and RIXS Studies at the P04 Beamline

Speaker

Dr Sergii Chernov

15:30–15:50

Synchrotron VUV Study of Luminescent Properties in Mn-Doped ZnO-ZrO₂ Ceramics

Speaker

Prof. Larysa Khomenkova

15:50–16:05

Copper site occupancy and valence in lead apatites via XAS at ASTRA/SOLARIS

Speaker

Mr Ihor Sukhenko

16:05