

25TH SYMPOSIUM ON PHOTONICS AND OPTICS SPO 2024

Friday, November 8, 2024

Luminescent Materials and Photonic Applications - Room 103 (10:00 AM - 11:35 AM)

-Conveners: Kateryna Yablochkova

time	[id] title	presenter
10:00 AM	[93] Glass-ceramic and hybrid nanocomposites with luminescent complex oxide fillers: research and possible applications	Prof. NEDILKO, Serhii
10:20 AM	[94] Theoretical modelling of luminescence processes in oxide glass-ceramic nanocomposite materials	Dr HIZHNYI, Yuriy
10:35 AM	[85] Luminescent glass-ceramics and cellulose-oxide composites based on K ₂ Eu(PO ₄)(WO ₄) red phosphor	Dr CHORNII, Vitalii
10:50 AM	[67] Fluorescence based explosives sensor: potential of plasmonic enhancement for the development of ultrasensitive portable technique	Dr LOPATYNSKYI, Andrii
11:05 AM	[23] Bismuth-based Solid State Phosphors: Design, Structural Diversity, and Luminescence Properties	Dr TEREBILENKO, Kateryna
11:20 AM	[84] Application of textural analysis for research the relationship between the microrelief of surfaces and laser speckles	SACHKO, Artem