



# 22nd International Young Scientists Conference Optics and High Technology Material Science - SPO 2021 ONLINE

## Friday 12 November 2021

### Morning Session: Opening - Online (10:00-10:50)

**-Conveners: Leonid Poperenko**

time	[id] title	presenter
10:00	[39] Opening	Prof. POPERENKO, Leonid Prof. ILCHENKO, Volodymyr Prof. BULAVIN, Leonid Prof. MAKARETS, Mykola
10:25	[41] How short the silicon and 2D MoS <sub>2</sub> MOSFET conduction channel can be?	Prof. STRIKHA, Maksym

### Morning Session: Speeches - Online (10:50-12:40)

**-Conveners: Kateryna Zelenska**

time	[id] title	presenter
10:50	[22] Development of scintillator type X-ray imager with pixel optical separator	Dr TABATA, Kento
11:15	[3] Consideration of annealing effects for CdTe diodes fabricated by laser doping method	Mr OHNO, Amane
11:30	[5] X-ray imaging using semiconductor X-ray image detectors	Mr GOTO, Takeru
11:45	[28] Nanomaterials with surface plasmon resonance property for optical applications	Prof. PECHARAPA, Wisanu
12:10	[24] Sb-doped ZnO films for the fabrication of all ZnO rod/film homojunction structure applied as UV detection device	Mr SINORNATE, Wuttichai
12:25	[29] Local structure study of BiVO <sub>4</sub> incorporated with Fe and Mn investigated by X-ray absorption spectroscopy	Mr WECHPRASIT, Tirapat