

21st International Young Scientists Conference Optics and High Technology Material Science - SPO 2020 ONLINE

Friday 25 September 2020

Morning Session: Opening - Online (10:00-10:40)

-Conveners: Leonid Poperenko

time	[id] title	presenter
10:00	[71] Opening	Prof. POPERENKO, Leonid
10:10	[63] Ferromagnetic/graphene/ferroelectric nanostructures as a promising non-volatile spin filters and spin valves.	MAKSYM V. STRIKHA

Morning Session: Talks from Shizuoka University - Online (10:40-13:00)

-Conveners: Serhii Derenko

time	[id] title	presenter
10:40	[25] TlBr Photon Counting X-ray imager	Prof. AOKI, Toru
11:05	[14] Thermal Stability of Electrical and Spectral Properties of CdTe X-ray Detectors with a Schottky Barrier and Laser Doping p-n Junction	Mr OHNO, Amane
11:15	[13] Subjective Evaluation of Color reproduction by Color Adjustment of UHD-TV Displays	Mr TSUBOI, Ryo
11:30	[27] Materialdiscrimination by spectral X-ray imaging using the photon counting type detector	Mr SUZUKI, Tatsuya
11:45	[26] Proposal of representation of internal structure of objects using X-ray 3D-CT imaging and virtual reality (AR)	Mr KASE, Hiroki
12:00	[24] A study on a new imaging method using photon counting detectors for improving the quality of X-ray images	Mr GOTO, Takeru
12:15	[22] Developing an imaging instrument using a small neutron source.	Mr MATSUMOTO, Kazuma
12:30	[23] Reconstruction of Energy Integrating by Photon Counting for High Dynamic Range X-ray Imaging	Dr TAKAGI, Katsuyuki