

24th International Young Scientists Conference Optics and High Technology Material Science - SPO 2023 "STAND WITH UKRAINE"

Saturday 18 November 2023

Session at Shizuoka University: Invited talks - 248 (08:00-09:00)

-Conveners: Danil Ilchuck

time	[id] title	presenter
08:00	[140] Spatial Representation of Multi-energy 3D X-ray Imaging Using Mixed Reality	Mr KASE, Hiroki
08:30	[149] Long-term stability of diode-type CdTe X-/gamma-ray detector with high current density	Dr TAKAGI, Katsuyuki

Session at Shizuoka University: Student talks - 248 (09:15-12:45)

-Conveners: Maria Kasianchuk

time	[id] title	presenter
10:00	[156] Annealing Effect of Thallim Bromide Thin Film	TOYODA, Kohei
10:15	[150] GaN Semiconductor X-ray Detectors	KAGEMITSU, Inaba
10:30	[151] Improving the accuracy of X-ray beam visualization using augmented reality (AR)	KAWAKAMI, Takumi
10:45	[153] Formation of TlBr thin film for semiconductor radiation detector	HAYAKAWA, Shoma
11:00	[154] Image Correction of Reconstructed Photon Counting CT Images Using Shot Noise	KATAYAMA, Yutaro
11:15	[152] Thermal Diffusion Doping for CdTe Semiconductor Radiation Detectors	NAKAMURA, Ibuki
11:30	[143] Simulation of X-ray scattering of material surrounded by soil	Mr IKEDA, Takehiro
11:45	[139] Development of GaN Semiconductor X-ray and Gamma-Ray Detectors	Mr HIDA, Kosuke
12:00	[138] Image-domain Material Decomposition in Spectral CT with Photon-counting Detectors	HAYASHI, Kohei
12:15	[137] Comparative Evaluation of X-ray Backscattered Energy Spectrum for Subsurface Material Characterization	Mr SAJJASHETTY VINAYAKA
12:30	[162] Identification of buried objects using energy distribution of backscattered X-rays	Mr SUZUKI, Tatsuya