

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

Saturday 13 November 2021

Saturday Session: Morning - Online (10:00-12:00)

-Conveners: Anna Kosar

time	[id] title	presenter
10:00	[2] Subjective Evaluation of Influence Decreasing Primary Color Saturation of UHD-TV Displays	TSUBOI, Ryo
10:15	[4] Evaluation of Changes in Image Contrast Due to Different Energy Weightings of X-ray by Simplification of Imaging Systems	HOTTA, Takumi
10:30	[6] Carrier transportation property of TlBr Gamma-ray detector	Mr HIDA, Kosuke
10:45	[18] Development of small neutron source generated by DD fusion reaction using Dc plasma	IKEDA, Takehiro
11:00	[17] Study of GaN X-ray detector	MAEDA, Yusuke
11:15	[15] Applied Mathematics for Understanding Photon Counting Computed Tomography□PCCT□	SUZUKI, Takaharu
11:30	[16] Angular dependence of back scatter spectrum	SAITO, Wataru
11:45	[31] A Study on stereoscopic representation of 3D X-ray CT data using motion capture	KASE, Hiroki

Saturday Session: Afternoon - Online (13:20-15:05)

-Conveners: Danylo Babich

time	[id] title	presenter
13:20	[7] Nonlinear Interaction of Bessel Gauss Laser Beams with Plasmas with Axial Temperature Ramp	Dr NAVEEN GUPTA, Naveen
13:35	[10] Power splitter based on photonic crystal fibers	Dr OUADAH, Mohammed Chamse Eddine
13:50	[11] Study of the sensitivity of sensors based on photonic crystal fibers	MIREL, ILHEM
14:05	[12] The properties of photonic crystal fibers	HARRAT, ASSIA AHLEM
14:20	[14] OPTICAL FIBER SERVICES BASED ON A PASSIVE OPTICAL NETWORK WITH WAVE DIVISION MULTIPLEXING	Mr BENHAMMOU, Samir
14:35	[27] The detection of breast's microcalcifications using the image processing technique	ADDOU, Sara
14:50	[42] Choice of The Analyzing Wavelet in The Phonocardiogram Signal Analysis Using the Continuous Wavelet Transform Based on The Fast Fourier Transform	Mrs BENMESSAOUD, Nadia