

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

Saturday 26 September 2020

Poster session - Online (13:00-15:50)

time	[id] title	presenter
13:00	[68] Optical anisotropy of the ribbon skin-layer of Ni-based amorphous metallic alloys	KOVANSKI, Petro
13:05	[66] Spontaneous and stimulated Raman scattering of lasing dyes in polymer matrices and molecule microcrystals (powders)	Ms PRYHODIUK, Olha
13:06	[65] Spectral properties of water-soluble melanines	Mrs MOROZOVA, Marharyta
13:10	[61] Realization of a device for detecting the electrical activity of the brain and the acquisition of the EEG electroencephalogram signal	Dr BADIR BENKRELIFA, Lahouaria Dr BELAID, Boumedyen
13:14	[60] Features of the RL radiation distribution in a limited random medium	Mr ZHURAVSKY, Michael
13:18	[58] THERMALLY STIMULATED CONDUCTIVITY AND LUMINESCENCE, PHOSPHORESCENCE AND CURRENT RELAXATION OF ZNSE MONOCRYSTALS AFTER X-RAY IRRADIATION	Dr DEGODA, Volodymyr Mrs PODUST, Galyna
13:22	[55] Fluorescence-based temperature control applied to microwave heating: The role of spectral parameters	Mrs HAIDUK, Nataliia
13:26	[53] LUMINESCENT PROPERTIES OF THE La _{1-x} Sm _x VO ₄ :Ca NANOPARTICLES	DOROFIEIEVA, A.
13:30	[52] Modern state of optical microscopy	Mr HUDZ, Oleksii
13:34	[47] Wavelength Dependence of Femtosecond Laser-Induced Periodic Surface Structures formed on Tungsten and Copper Surfaces	Mr HRABOVSKYI, Yevheh
13:38	[45] Specificities of anelastic characteristics of nano composites multiwalled carbon nanotubes and polyvinyl chloride, polyethylene, foam polystyrene	DENIS , Lada
13:42	[44] Trion formation and exciton photoluminescence enhancement in 2D MoS ₂ coupled with plasmonic metal nanoparticles	Ms IRFAN, Iqra
13:46	[43] CLASSIFICATION OF A NEURON	Ms AVDEIONOK, Ira
13:50	[42] MODERN UNLANDED AIRCRAFT LANDING SYSTEMS	Mr AVERIN, Dmytro
13:54	[41] Channels of Cs-137 and K transfer from soil to plant under natural conditions in the 10-km Exclusion Zone of the Chernobyl nuclear power plant	Mrs PRIGODJUK, Olga
13:58	[40] Study and conception of a device dedicated to wireless neuromuscular stimulation	Dr BADIR BENKRELIFA1, Lahouaria
14:02	[35] Eccentric fiber Bragg grating for refractometry	Dr CHIKH-BLED, Hicham
14:06	[34] ELLIPSOMETRY OF CUSCN/STILBAZOLIUM DYE HYBRID THIN FILMS	KONONENKO V.M.
14:10	[33] variation of chromatic dispersion in optical fibers	Dr DEBBAL, Mohammed
14:14	[32] Corderoite-type nanomaterials for optoelectronic applications	Dr BOKOTEY, O.V.

14:18	[31] Optical features of semiconducting crystal Hg ₃ S ₂ Br ₂ : first-principles investigation	Dr BOKOTEY, O.V.
14:22	[28] Stepwise behavior of surface properties in the filled polymer blend	Mr MISIURA, Andrii
14:26	[21] Electroluminescence degradation of UV LEDs 365 - 405 nm at long-term operation	Mr VELESCHUK, Vitaliy Mr MALYI, Yevgen
14:30	[18] New KuQuinone for solar cells applications	BUGERA, Oleksandra
14:34	[17] Vibrational properties of amorphous As-S-Ge glasses studied by Raman spectroscopy	REVUTSKA, L.
14:38	[16] High-performance 3D X-ray microtomography for non-destructive testing of materials and products in microelectronics	Dr VERTSANOVA, Olena
14:42	[12] A robust ratio for light ellipticity in magneto-optical Kerr effect	Dr ROZOUVAN, S.
14:46	[11] Selection rules in magneto-optics for cobalt-iron based nanocomposites	Dr ROZOUVAN, S.G.
14:50	[10] Spectroscopic study of water clusters in synthetic calcium hydroxyapatite	Dr DOROSHENKO, Iryna
14:54	[9] ELEMENTAL COMPOSITION OF NANOSTRUCTURED SILICON	Mr MELNICHENKO, Mykola
14:58	[6] Effect of a low-temperature Ar matrix on hydrogen-bonded clusters (H ₂ O) _n	Mrs VASYLIEVA, Antonina
15:02	[8] MORPHOLOGY OF NANOSIZED GOLD FILMS	Ms HAVRYLIUK, Daria
15:06	[4] RESEARCH OF THE ELECTRON STATE IN A PRISMATIC QUANTUM DOT WITH A SHELL	Mr MOROZOV, Mykola
15:10	[69] OPTICAL PROPERTIES OF FILMS BASED ON MEROCYANINE DYES	Prof. KULISH, Mykola
15:14	[73] Synthesis and luminescence properties of K ₃ Gd(PO ₄) ₂ :Eu phosphor	CHORNII, Vitalii
15:18	[50] The Magnetoresistance of Single Wall Carbon Nanotubes Modified by Nickel	ШПІЛЬКА, Денис
15:22	[77] Specificities of adsorption properties of SiO ₂ + Si, nano composites of multiwalled carbon nanotubes and polyvinyl chloride, polyethylene, foam polystyrene after laser radiation	GRYGORENKO, Bogdan
15:26	[75] Artificial compound eye	Mr ANTONENKO, Vitalii
15:30	[74] ESTIMATION OF TRANSMISSION QUALITY IN WDM NETWORKS	Ms BOUGHERAR, Fatima Zohra Ms BOUALAM, Ghania
15:34	[78] Peculiarity of mechanical characteristics of nano composites of multiwalled carbon nanotubes and polyethylene, polyvinyl chloride, porous polystyrene	BOYKO, Volodymyr
15:38	[79] Polystyrene Surface Modification for Enhancing Adsorption of Biomolecules: a Surface Plasmon Resonance Study	SHYNKARENKO, Olena
15:42	[72] Features of adsorption, mechanical properties of nano composites of multiwalled carbon nanotubes and polyethylene, polyvinyl chloride, porous polystyrene	BEZZUBCEV, Mychaylo
15:46	[82] X-ray diffraction study of structure of rare-earth orthovanadate nanoparticles doped with calcium	Ms RAHIMI MOSAFER, houri sadat