

INTER- PHOTONICS 2018
INTERNATIONAL CONFERENCE ON PHOTONICS RESEARCH

INTER- COLM 2018
INTERNATIONAL CONGRESS ON OPTICS AND LASERS IN MEDICINE

Limak Limra Hotels & Resort, Kemer
ANTALYA / TURKEY

PROGRAM		
POSTER SESSION		
WEDNESDAY, OCTOBER 10, 2018		
17:30-19:00		
(Aspendos IV)		
Chairperson: Ersin Kayahan		
(INTERPHOTONICS 2018 –INTERCOLM 2018)		
Id	Title	Contact Author
20	Optical and electronic properties of the spinel oxides GeB ₂ O ₄ (b = Mg, Zn and Cd): an ab initio study”	Djamel ALLALI
24	Optical, and electronic study of Ceramic scintillators within the framework of density functional theory (DFT)	Abderrahim Hadj Larbi
25	Gold nanoparticles supported on two different metal oxides to form ferromagnetic nanostructures	Djamel Eddine Belfennache
26	Numerical simulation of a high responsivity ultraviolet photodetector	Faycal Bouzid
27	Optical And Electronic Properties Of The Liznx (X = P, As and Sb) Filled-Tetrahedral Compounds With The Tran–Blaha Modified Becke–Johnson Density Functional	Djamel ALLALI
28	Optical And Electronic Properties Of The Spinel Oxides GeB ₂ O ₄ (B = Mg, Zn and Cd): An Ab Initio Study	Djamel ALLALI
31	Time-resolved photoluminescence of	Pavlenko Vladimir

	CdSe/CdS/CdZnS quantum dots	
47	First-Principles Investigation on Structural, Electronic and Optical Properties of Amorphous Silica with Interstitial Defects	M. Kamil Abd-Rahman
51	Human and ecosystem-friendly candlelight organic light emitting diode	Jwo Huei Jou
53	Structural and Optical properties of Iron Oxide α -Fe ₂ O ₃ Nanowires Prepared by Hydrothermal Method	Samara J.Mohammad
60	EU ³⁺ , DY ³⁺ Dopped Whitlockite Based Phosphates for Optical Devices	Dina Deyneko
69	The Synthesis and Optical Properties of Red Functional Dyes for Inkjet Printing Process	Jun Choi
71	Deposition and Characterization of CdS:Ag Thin Films by Thermal Evaporation Technique	Mazin Hasan
72	Generation of Optical Networks in Wave- Diffusion Process	Elizabeth Saldivia Gomez
85	Hybrid Thulium-doped and Thulium/Holmium-doped Fiber Laser Cavity for Generation of Dual-wavelength Two-micron Lasers	Anir Syazwan Sharbirin
100	Simulation of solar cell structure based on Nanoparticles	Mohammed Shabat
108	Vibrational Spectroscopy and Non-Linear Optical Properties of 3-(2, 4-Dichlorophenyl)-1-(4-methylphenyl)-prop-2-en-1-one	Archana Gupta
122	Liquid crystal optic sensor for amino acid control	Maria Vistak
123	Plasmonic Effects of Silver Nanoparticles Embedded in Low-Loss Optical Surrounding Media	Alexey Romanov
124	Defining the Local Matter and the Non-Local Field Using the Planck Distribution	Erik Cerwen
135	Solar-Driven H ₂ O ₂ Generation From H ₂ O and O ₂ Using Earth-Abundant Mixed-Metal Oxide@Carbon Nitride Photocatalysts	Xu Xiang
137	Experimental and mathematical model for determination of the temperature distribution of optical elements during interaction with laser irradiation	Aloyan Georgii
139	High-speed fiber-coupled InGaAs/InP photodetector for C- and L- optical wavelength transmission bands	Vladislav Bougrov
140	Investigation of heat transfer conditions of nonlinear optical crystals during the laser irradiation in vacuum	Irina Shebarshina
144	Investigation of active fiber heating under the condition	Nikita Tereshchenko

	of laser radiation generation in different heat sinks	
145	Radio-frequency impedance spectroscopy of the active fiber under condition of laser generation	Alexander Kostrov
146	Influence Of Fullerenes On Dielectric, Conductivity And Electro-Optic Properties Of Liquid Crystal MBBA	Tahir Ibragimov
148	Measurement of the high-power laser radiation beam profile using the matrix of the copper-coated passive optical fibers	Nikolay Vanyushkin
154	Impedance spectroscopy of nonlinear-optical crystals interacting with high power laser radiation	Ivan Grishchenko
161	Long-afterglow Phosphorescent Metal-Organic Frameworks: Assembly and Applications	Dongpeng Yan
164	Application of GeO ₂ photonic crystals on solar cells	Zellagui Khir Eddine
190	Unidirectional Optical Interconnects based on Gap Plasmon Resonators	Marian Bogdan Sirbu
216	Color tunable and energy transfer study of Dy ³⁺ -doped and Dy ³⁺ /Eu ³⁺ co-doped calcium aluminosilicate phosphor for photonic applications	Sumandeep Kaur
221	On the structural, elastic, electronic and optical properties of CdS/ZnS super lattice under high pressure	Djellal Cherrad
231	Improvement of Wear Characteristics for (Al-12%Si) Alloy by Laser Surface Hardening Heat Treatment	Salim Farman
232	On the Impact of Digital Back Propagation Nonlinearity Compensation in Non-Repeated Transmission WDM Systems	Xin Zhang
236	Photon energy up-conversion of Er ³⁺	Ta-Ryeong Park
239	Second Harmonic Generation By Femtosecond Laser Pulses In Nonlinear Photonic Crystals	Sapaev
242	Studies of Quantum Confinement Effects in Eu ²⁺ -Doped BaMgAl ₁₀ O ₁₇ Nanophosphor for Display Applications	Vishnu Vikesh Jaiswal
243	High-sensitive absorption measurement of high transparency silica glasses	Ksenia Vlasova
250	Polish active optical fibers for applications in laser systems	Krzysztof Anders
251	Low-temperature FTIR spectroscopy of adsorbed CO for characterization of copper species in mordenites	Alexey Tsyganenko
254	Dual-Purpose Time-Shared Optically-Controlled GaN MESFET	Jaya Gaitonde

263	The Front-End Upgrade of Subpeta Watt Laser System Pearl	Alexander Zuev
10	Novel optical method for microbubbles detection in vivo	Aleksey Sobakin
3	Development of Blood Cell Counting System using Two Colour Laser in microfluidic channel	Jae Sung Park