

POSTER SESSION II

Sunday 23.09.2018

T2-P1	V. Craciun	Investigations of Metallic and Oxide Thin Films for fs-laser Mirrors
T2-P2	C. Ursu	Space- and time-resolved investigation of carbon plasma produced by KrF laser ablation
T2-P3	I. Cocean	Study of horn and wool keratin and shell chitosan PLD, film properties and its effects on hemp fabrics
T2-P4	A. Cocean	Optical emission spectroscopy analysis of laser induced plasmas on magnetic materials
T2-P5	A.-O. Mateescu	Cotton functionalization by atmospheric pressure cold plasma
T2-P6	V. Craciun	Experimental research of THz beam attenuation by plasma
T3-P1	M. Sucheaa	Metal oxides based coatings onto textile substrates for air purification applications
T3-P2	A.Dumitru	Enhancing the performance of microbial fuel cells (MFCs) with nitrophenyl modified carbon nanotube - based anodes
T3-P3	P. Pascariu	Effect of La doped ZnO ceramic nanostructures on optical and photocatalytic properties
T3-P4	S. Paul	Multipurpose Nickel Oxide for Silicon Nanowire Solar Cells
T3-P5	V. Barsukov	High Energy Density Lithium Ion Batteries and Supercapacitors with Electrodes Based on Silicon Nanocomposites
T3-P6	K. Yasaroglu	Preparation and characterization of an n-type TiO ₂ and SnO ₂ thin film on FTO substrates by different techniques for perovskites solar cells applications
T3-P7	B. Hampel	Preparation of lanthanide doped NaYF ₄ -TiO ₂ -Au composites and their photocatalytic activity
T3-P8	N. Sharma	In-situ synthesis of BiOBr and its composites with Carbon Nanotubes (CNT) and their characterization
T3-P9	S. Fodor	The effect of the precursor and the temperature in synthesis of Cu ₂ O
T3-P10	A. Karaarslan	Incremental conductance method for PV solar model using boost converter
T3-P11	A. Karaarslan	Maximum power point tracking of photovoltaic systems using boost converter
T3-P12	A. Karaarslan	Performance analysis of TiO ₂ thickness on dye sensitized solar cell
T3-P13	E. Bardos	Synthesis and photocatalytic properties of novel BiOX nanomaterials

T3-P14	M.-C. Rosu	UV protective properties of Ag-TiO ₂ /reduced graphene oxide-modified flax fabrics
T3-P15	G. Blanita	The interaction of hydrogen with nanosized Pd clusters embedded in MIL-101(Cr)
T3-P16	O. Grad	Scalable green synthesis of chromium(III) terephthalate metal-organic framework
T3-P17	Z. Viskadourakis	3D printed nanocomposite structures for energy and environmental applications
T3-P18	V. Craciun	Titanium dioxide – zinc oxide sol-gel preparation and spin coating deposition
T4-P6	D. Creanga	Magnetic nanoparticles for waste water cleaning
T4-P7	E. Burzo	Paramagnetic behavior of cobalt in rare-earth Laves phase compounds
T6-P4	P. Prepelita	Influence of deposition process on the structural properties of gold and silver ultra thin films
T6-P5	N. Fifere	Cerium doped ZnO nanoparticles owing structural and optical modified characteristics
T6-P6	F. Iacomi	Power density on the photoluminescence spectra in type-II InAlAs/GaAlAs quantum dots
T9-P3	S. Suarasan	Fabrication and characterization of hybrid nanoplateforms with incorporated multiple NIR light-activated nanotherapies
T9-P4	C. Busuioc	Influence of processing parameters on the properties of Calcium Phosphates based scaffolds
T9-P5	C. Bacaoanu	Adhesion properties of polymeric suture fibers at biological interfaces
T9-P6	A.Palla- Papavlu	A new biosensor generation fabricated by laser direct writing
T9-P7	A.I. Nicoara	Vancomycin loaded mesoporous silica in drug delivery systems
T9-P8	O.R. Vasile	Curcumin loaded Hydroxyapatite used for bone cancer treatment
T9-P9	I.A. Neacsu	Zn ²⁺ doped hydroxyapatite – ZnO composites used for prevention of osteoporosis
T10-P1	D. Vernardou	Electrochemical properties of V ₂ O ₅ and V ₂ O ₅ :Ag coatings grown by Atomic Layer Deposition at 250 °C