

POSTER SESSION IV

Wednesday, 14.09.2016

PAMS- P1	A. Cocean	Dual-pulsed laser induced non-linear thermal effects
PAMS- P2	M. Rusu	Composite materials based on Bi-Fe nanoparticles / Carbon Xerogel with environmental analytical applications
PAMS- P3	E. Lebedev	Development of fabrication technology of all solid-state planar supercapacitor with electrodes based on CNT-nickel oxide composite
PAMS- P4	C. Virlan	Electrical and magnetic properties variations with high temperature treatment in Co-Ni mixed ferrite
PAMS- P5	C. Tihon	Upconversion luminescence in LaGaO ₃ :Er:Yb synthesized by solid state reaction
PAMS- P6	D. Watanabe	Preparation and characterization of wavelength conversion thin filter by the spin coating method using fluorescence pigments for enhancing the efficiency of solar cells
PAMS- P7	M. Sunaga	Preparation and characterization of iron-oxide thin films by the coating thermal decomposition method
PAMS- P8	L.N. Dumitrescu	The study of influence of the thermal annealing on the properties of PVDF coatings deposited by MAPLE
PAMS- P9	M. Toma	Characterization of the structural and optical properties of ZnO thin films doped with Ga and (Al+Ga)
PAMS- P10	L. Erasmus	Characterisation and calibration of the optical thermometry properties of La ₂ O ₂ S:Eu phosphor material
PAMS- P11	S.A. Irimiciuc	Picosecond and femtosecond laser ablation plasma plumes investigated by time-resolved optical and electrical methods
PAMS- P12	I.L. Punga	Characterization of graphene-PDMS nanocomposite films
PAMS- P13	E. Chitanu	Synthesis of soft magnetic electrically isolated materials
PAMS- P14	G. Souca	Magnetic properties and magnetocaloric effect on Ce _{1-x} Y _x Fe ₂
PAMS- P15	M. Irimia	Characterization of Ni _{1-x} Zn _x Fe ₂ O ₄ thin films deposited by spin coating
PAMS- P16	Z. Zakhzhai	Evolution of Materials for Clothing
PAMS- P17	R. A. One	Synthesis, structural, electronic, and magnetic properties of α"-Fe _{16-x} M _x N ₂ (M=Fe, Ti, Zr) (M=Fe, Ti, Zr)
PAMS- P18	T.L. Biter	Spin susceptibility of disordered gapped graphene systems
PAMS- P19	L. Máthé	Transport through a quantum dot with electron-phonon interaction



PAMS-P20	E. Puscasu	Study on some iron oxide nanoparticles and their cytotoxicity
PAMS-P21	C. F. Comanescu	Ellipsometric investigation of Ca doped ZnO thin films deposited by sol-gel on oxidized Si substrates: multilayer modeling
PAMS-P22	D. Dogaru	Hybrid halide perovskite based solar cells
PAMS-P23	D. Rusu	A model for the current-voltage characteristics of a thin film metal-ferroelectric-metal structure
PAMS-P24	A.M. Raduta	Study of physical properties of rf-sputtered ZnSe thin films
PAMS-P25	M. Chiş	Vibrational characterization of capecitabine and its active moiety 5-fluorouracil by SERS and DFT
PAMS-P26	M. Dan	Conduction in ferroelectric state of TGS crystal
PAMS-P27	L. Dan	Study of physical properties of P3OT:F-SWCNTs based photovoltaic cells
PAMS-P28	Mihaela Toma	Structural and optical properties of Ni, Co doped ZnO thin films
PAMS-P29	A.M.R. Gherman	Accurate Raman spectra for aniline derivatives by anharmonic computations
PAMS-P30	E. Muntean	The degradation effect of a plasma micro-jet discharge at the interaction with organic dyes
PAMS-P31	A.V. Catana	Simulation of electric field distribution in dielectrophoresis process using interdigitated electrodes
PAMS-P32	A.I. Moldovan	Magnetic hyperthermia characterization of magnetite, maghemite and hematite magnetic nanoparticles
T5-P14	E. Puscasu	The effect of iron partial substitution in nanosized ferrites by cobalt doping
T5-P15	Z. Szakacs	Microstructural characterization of 3D random fractal surfaces using topographical maps and small-angle scattering data
T7-P10	N.Tosa	Samarium based rare-earth complex for vitroc ceramic glasses: synthesis and characterization
T7-P11	O.M.Bunoiu	Hybrid magnetorheological elastomer: Influence of the magnetic field intensity on some electrical properties
T7-P12	E. Chitanu	PAN/ZnO composite electrospun fibers for industrial applications
T7-P13	B. Alkotbe	The investigation of cosmic ray's origin using particle detectors and optical telescopes
T11-P1	A. Colnita	The use of nanoimprint lithography for the fabrication of high-quality nanostructured surfaces

T11-P2	C. Stan	Self-assembled cobalt ferrite nanoparticles in twisted nematic matrix
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