

POSTER SESSION III

Thursday

27.09.2018

T6-P7	A.Palla- Papavlu	Pulsed laser deposition of ultrathin two-dimensional nanomaterials
T6-P8	A.Radu	Fabrication and characterization of slot waveguides for plasmonic logic gates
T6-P9	A. Szabo	CVD growth of Carbon Nanotube forests on aluminum substrate
T6-P10	L. Mathe	Nonequilibrium Kondo effect in a quantum dot coupled to graphene electrodes in presence of a magnetic field
T6-P11	D. Davelou	Quasi 1D TMD nanoribbons: metallic edge semiconductors, a theoretical study
T6-P12	D. Davelou	Electronic properties of low dimensional transition metal dichalcogenide structures
T10-P2	S. Paul	Single Step Ohmic Contact for heavily doped n-type Silicon
T10-P3	M.-C. Rosu	The influence of electrochemically exfoliated graphite/TiO ₂ material on the surface resistivity and photocatalytic characteristics of leather
T10-P4	D. Louloudakis	Effect of the porosity on the electrochromic response of WO ₃ grown using magnetron sputtering
T10-P5	S. Merabet	Analysis of SIMS boron profiles as function of nitrogen content in silicon
T10-P6	G. Mateescu	Electrostatic spraying of silver dihydrogen citrate/graphene nano-powders on textile surfaces
T10-P7	M. Hakem	Effect of pulsed welding process on microstructure, mechanical properties and electrochemical behavior of 6061-T6 aluminium TIG welded joint
T10-P8	D. Allou	Criterion for cathodic protection of 25CD4/Inconel 182 system
T10-P9	B. Cheniti	Comparative study on the microstructural and mechanical properties of WC-Co/AISI 1020 steel brazed joint obtained by TIG and oxyacetylene process
T10-P10	B. Belkessa	Microstructure, mechanical and corrosion behavior of dissimilar metals welds
T10-P11	B. Maamache	X-ray diffraction evaluation of dislocation density and crystallite size in the HAZ
T10-P12	A. Dumitru	Antireflective and hydrophilic surfaces obtained from sol-gel TiO ₂ materials
PAMS-P1	M. Toma	Studies on some tungstate double perovskite thin films obtained by spin coating
PAMS-P2	T. Alupului	Conductive thin films in the system In-Sn-ZnO
PAMS-P3	A.-C. Humelnicu	N-succinyl chitosan based membranes for local anesthetic release
PAMS-P4	L. Punga	Structural studies on TiO ₂ /PDMS nanocomposites
PAMS-P5	E. Lebedev	Features of low-temperature surface bonding technology using high-energy Al-CuO _x material formed by electrophoretic deposition

PAMS-P6	Z. Zakhzhai	Evolution in Nanomaterials: What is After Graphene?
PAMS-P7	A.Maniadi	Graphene based polymer nanocomposites for electrical power systems
PAMS-P8	R.-A. Bortnic	Synthesis, characterization and comparison of $\text{Nd}_{0.6-x}\text{Bi}_x\text{Sr}_{0.4}\text{MnO}_3$ compounds obtained through sol-gel method
PAMS-P9	C. Mazilu	Magnetic properties and magnetocaloric effect in $\text{Pr}_{1-x}\text{Ce}_x\text{Co}_3$
PAMS-P10	G. Souca	XPS on $\text{Gd}_{1-x}\text{Ce}_x\text{Co}_2$ Intermetallic Compounds
PAMS-P11	F. Gellé	Guideline to atomically flat TiO_2 -terminated $\text{SrTiO}_3(001)$ substrate
PAMS-P12	A. Carlescu	Synthesis and electron transport properties of some recently synthesized functional pyrrolophenanthrolines in thin films
PAMS-P13	L. Popa	Oxide nanostructures isolated in MCM-41
PAMS-P14	S. Ionita	Synthesis and characterization of bioglasses in the system $(64-x)\text{SiO}_2 \cdot 27\text{CaO} \cdot 4\text{P}_2\text{O}_5 \cdot 3\text{TiO}_2 \cdot x\text{Al}_2\text{O}_3$
PAMS-P15	A. Gulin	The study of the chemical composition profile in quantum dots by Time-of-Flight Secondary Ion Mass Spectrometry (TOF-SIMS).
PAMS-P16	A. M. Panaitescu	Novel Cu nanowire arrays for optoelectronics
PAMS-P17	A. Pikulin	Generation of ultrasound by laser irradiation of absorbing ink through a layer of dielectric spheres
PAMS-P18	M. Asandulesa	Polyimides containing triphenylmethane units
PAMS-P19	T. Yamamoto	Preparation and characterization of titanium doped iron-oxide thin films as a solar cell material by the coating thermal decomposition method
PAMS-P20	C. Tugui	Opportunities for using dielectric elastomer actuators
PAMS-P21	A. Ogunji	Investigation of tin and silicon nanostructures properties and morphologies on various substrates for lithium-ion battery application
PAMS-P22	E. Mahu	Modified sol-gel synthesis of powdered mesoporous titania: influence of microwave-annealing on physical properties