

## POSTER SESSION I

Saturday 22.09.2018

<b>T1-P1</b>	I V Tudose	Dopant effect on ZnO thin films properties
<b>T1-P2</b>	V. Craciun	Investigations of transport properties of amorphous indium zinc oxide films
<b>T1-P3</b>	S. Paul	Wire-bar coating of doped NiO thin films from metal organic compounds
<b>T1-P4</b>	V. Tiron	Beryllium thin films deposited by thermionic vacuum arc for nuclear applications
<b>T1-P5</b>	P. Prepelita	Role of annealing treatment in oxide thin films deposited by rfMS technique
<b>T1-P6</b>	S. Vulpe	Atomic layer deposition of HfO <sub>2</sub> : Effect of growth substrate on morphology and surface properties of ultra-thin films
<b>T1-P7</b>	F. Iacovella	Field effect transistors (FET) from chemical vapor deposited MoS <sub>2</sub> monolayer
<b>T1-P8</b>	V. Dediu	Nb-TiO <sub>2</sub> /ZnO nanostructures for chemoresistive alcohol sensing
<b>T1-P9</b>	R. Tarcan	A study of reduced graphene oxide dispersions in water and the influence of concentration on film quality
<b>T1-P10</b>	I. Petrovai	Thin films of perovskites processed using convective self-assembly
<b>T1-P11</b>	O. Todor-Boer	Photoluminescence quenching in PPCBMB based donor-acceptor blends processed via convective self-assembly
<b>T4-P1</b>	E. Burzo	Magnetic properties of Sr <sub>2</sub> (Fe <sub>1-x</sub> Ni <sub>x</sub> )MoO <sub>6</sub> perovskites
<b>T4-P2</b>	I. Gudyma	The interconversion of spin states in spin-crossover compounds with nonlinear intermolecular interactions
<b>T4-P3</b>	I. Dumitru	Tuning microstructure and magnetic properties of cylindrical Ni thin films by magneto-electrolysis
<b>T4-P4</b>	R. Cotop	Magnetic properties and magnetocaloric effect on GdCo <sub>2-x</sub> Ni <sub>x</sub>
<b>T4-P5</b>	H. Dehdouh	TiO <sub>2</sub> doped with nickel thin films Properties
<b>T6-P1</b>	D.A. Pricop	Surface properties changing in AuNP-citrate particles, exposed to visible radiation
<b>T6-P2</b>	L. Leontie	Synthesis and optical properties of Ga <sub>2</sub> O <sub>3</sub> nanowires grown on GaS substrate
<b>T6-P3</b>	L. Oprica	Green chemistry in noble metal particle preparation
<b>T7-P1</b>	C. Mihai	Cellular automata model of phase change in stacked chalcogenide films
<b>T7-P2</b>	S. Paul	Beyond nanoparticles: An immortal memory
<b>T8-P1</b>	M. Soroceanu	The role of substituents and plasma exposure in enhancing the interactions at metal/polysilane interface

<b>T8-P2</b>	N. Vidakis	Mechanical properties of ABS–Graphene and ABS-Carbon nanotubes nanocomposites developed with fused deposition modelling
<b>T8-P3</b>	A. Maniadi	Graphene nanoplatelets / polymer nanocomposites: Basic characteristics and functional behavior of low density polyethylene
<b>T8-P4</b>	O. Belgherbi	Electrochemical Deposition of Copper particles on Polyaniline Thin Films for Nonenzymatic Glucose Sensing
<b>T8-P5</b>	D. Lakhdari	Electrochemical oxidation of glucose by Ni-Fe nanoparticles dispersed on polyaniline thin films
<b>T8-P6</b>	I. Nasimova	Assemblies of thermo- and pH-sensitive microgels on the base of interpenetrating networks as constituents for polymeric materials developmen
<b>T8-P7</b>	B. S. Vasile	Alginate encapsulated MCM-48@folic acid nanoparticles as a sustained drug delivery system
<b>T8-P8</b>	A. C. Birca	Silver loaded PLA@Chitosan microspheres for medical applications
<b>T8-P9</b>	D. Mezdour	Investigation of the electrical properties of conductive polymers by the DRS and RPE techniques
<b>T8-P10</b>	A. Radu	Study of the electrical and photo-electrical behavior of composite thin films based photovoltaic structures
<b>T9-P1</b>	L. F. Leopold	Effects of metal and metal oxide nanoparticles on soybean plants
<b>T9-P2</b>	L. Duta	Pulsed laser deposition of biocompatible lithium-doped biological-derived hydroxyapatite coatings with antimicrobial properties
<b>T11-P1</b>	C. Cirtoaje	Electric Fredericksz transition in nematic liquid crystals with graphene quantum dots
<b>T11-P2</b>	C. Cirtoaje	Carbon nanotubes bundling influence on nematic liquid crystals properties
<b>T11-P3</b>	C. Tugui	Copper coordination compounds with spherical morphology based on methylcyclsiloxanes functionalized with carboxyl groups as ligands
<b>T11-P4</b>	A. Calborean	Direct patterning of molecular species on Au surface by Dip Pen Nanolithography