

## POSTER SESSION II

Monday, 12.09.2014

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|---------------|----------------|--|
| <b>T1-P6</b>  | A. Hojabri     | Optical and structural characterization of TiO <sub>2</sub> thin films prepared by post-oxidation annealing of titanium films grown on quartz substrates |
| <b>T1-P7</b>  | A. Stanculescu | On the properties of organic heterostructures prepared on nano-patterned electrode   |
| <b>T1-P8</b>  | I.Deac         | Physical properties of LSMO thin films prepared on different substrates  |
| <b>T1-P9</b>  | F. Hajakbari   | Investigation of Structural and Optical Properties of Polycrystalline Molybdenum nitride thin films prepared by DC reactive magnetron sputtering         |
| <b>T1-P10</b> | E. Chitanu     | Study of aluminum doped zinc oxide thin films textured by chemical wet etching with acids  |
| <b>T1-P11</b> | I.L. Velicu    | Enhanced properties of tungsten thin films deposited with a novel HiPIMS approach  |
| <b>T1-P12</b> | M. Girtan      | Optical, structural and morphological properties of Bi <sub>2</sub> O <sub>3</sub> /au/Bi <sub>2</sub> O <sub>3</sub> multilayer films structures        |
| <b>T1-P13</b> | M. Girtan      | On the physical properties of TiO <sub>2</sub> /Au/TiO <sub>2</sub> multilayer films structures  |
| <b>T1-P14</b> | M. Jigau       | The Ti doped Ge <sub>1</sub> Sb <sub>2</sub> Te <sub>4</sub> thin films prepared by pulsed laser deposition  |
| <b>T1-P15</b> | D. Timpu       | Sequential PLD, an alternative method for producing highly conductive and transparent Al-doped ZnO thin films  |
| <b>T1-P16</b> | C. Focsa       | Structural and optical properties of Ge-Sb-Te chalcogenide thin films deposited by nanosecond, picosecond and femtosecond laser ablation                 |
| <b>T1-P17</b> | V. Craciun     | Investigations of radiation effects in amorphous and transparent indium zinc oxide films   |
| <b>T1-P18</b> | M. Popa        | Structural characterization of ZnS <sub>x</sub> Se <sub>1-x</sub> thin films deposited by the quasi-closed volume technique                              |
| <b>T1-P19</b> | M. Irimia      | Effect of substrate nature on the electron transport in Ga doped ZnO thin films  |
| <b>T1-P20</b> | G. Socol       | The properties of organic heterostructures deposited on nanostructured metallic substrates for optoelectronic applications                               |
| <b>T1-P21</b> | M. Toma        | Characterization of multifunctional thin films of ZnO co-doped with Al, Ga and rare earth elements   |
| <b>T1-P22</b> | M. Sucheaa     | High quality ATO thin films for transparent electrode applications   |



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| <b>T2-P1</b>  | J. Hermann      | Compositional analysis of aerosols via laser-induced breakdown spectroscopy   |
| <b>T2-P2</b>  | L.N. Dumitrescu | SIMS investigations on C, W, Mg and composite thin films deposited by Pulsed Laser Deposition (PLD)                                       |
| <b>T2-P3</b>  | A. Dascalu      | Atomic force microscopy study of dielectric degradation in surface DBD in closed volume air   |
| <b>T2-P4</b>  | R. Vladoiu      | Magnesium-based thin films for protective coatings prepared by TVA (Thermionic Vacuum Arc) technology                                     |
| <b>T2-P5</b>  | J. Hermann      | On the performances of laser-induced breakdown spectroscopy for quantitative steel analyses   |
| <b>T2-P6</b>  | R. Jijie        | Characterization of carbonaceous deposits as interstellar dust analogs produced in hydrocarbon containing plasmas at atmospheric pressure |
| <b>T2-P7</b>  | V. Craciun      | Structural and compositional lateral variations in PLD films  |
| <b>T2-P8</b>  | C. Tudoran      | "PHPT": a Portable High-frequency cold Plasma Treatment system for medical use  |
| <b>T4-P7</b>  | A. M. Rostas    | MEMS compatible highly paramagnetic carbon  |
| <b>T4-P8</b>  | R. C. Gavrea    | Investigations of the ferrimagnetism and disorder in the half-metallic Heusler alloy $Mn_{2-x}Co_xVAI$                                    |
| <b>T4-P9</b>  | R. A. One       | Synthesis, structural, electronic and magnetic properties of $\alpha$ -( $Fe_{1-x}M_x$ ) <sub>16</sub> N <sub>2</sub> ( $M=Ti, Zr$ )      |
| <b>T4-P10</b> | A. Unnikrishnan | Structural and magnetic properties of spin-1/2 layered ferrimagnet $Bi_2Cu_5B_4O_{14}$  |
| <b>T4-P11</b> | I. Gudyma       | Surface Effects on Transition in Spin-Crossover Nanocrystals  |
| <b>T6-P1</b>  | S. Nemtseva     | Investigation of the chemical treatment $Ge_2Sb_2Te_5$ thin film for the phase change memory  |
| <b>T8-P1</b>  | M. Andries      | The influence of light exposure on photobiocatalytic properties of various sized gold nanoparticles                                       |
| <b>T8-P2</b>  | G. Stiufiuc     | Probing chiral interactions through SERS: a combined experimental and theoretical study   |
| <b>T8-P3</b>  | M. Balasoiu     | Magnetic nanoparticle impact on <i>Chaetomium globosum</i> cells  |
| <b>T8-P4</b>  | M. Buimaga      | Effects of curing and artificial ageing treatments on the structure of conformal coatings based on polyurethane resins                    |