
Tuesday, October 16, 17:30–19:30, Room “C”

**NANOSTRUCTURES &
ADVANCED MATERIALS**
Session NA: Poster presentations

Chair:

M. Purica, IMT Bucharest, Romania

V. Harabagiu, Inst. of Macromolecular
Chemistry “Petru Poni”, Iasi, Romania

- NA. 1** *NANOMATERIALS: FABRICATION AND INVESTIGATION OF DISPERSIONS FOR TOXICOLOGICAL STUDIES*, **T. Ignat, M. Kusko, A. Dinescu, M. Danila, A. Bragaru, M. Simion**, IMT Bucharest, Romania.
- NA. 2** *ON MAGNETIC NANOPARTICLES DETECTION USING PLANAR HALL EFFECT SENSORS*, **M. Volmer^{1,2}, M. Avram²**, ¹“Transilvania” Univ. of Brasov, ²IMT Bucharest, Romania.
- NA. 3** *PHOTOCATALYTIC MEMBRANE SYSTEM: OBTAINING PROCEDURE AND ENVIRONMENTAL APPLICATION*, **C. Orbeci, G. Nechifor, I. Untea**, Univ. “Politehnica” of Bucharest, Romania.
- NA. 4** *STRUCTURAL AND OPTICAL PROPERTIES OF ZnTe THIN FILMS*, **T. Potlog, N. Maticiuc*, A. Mirzac, P. Dumitriu, D. Scortescu**, State Univ. Moldova, Chisinau, Moldova, *Tallinn Univ. of Technology, Estonia.
- NA. 5** *POLY(AMIDE–IMIDE)S FOR POTENTIAL NANO-ACTUATION APPLICATIONS*, **I. Bacosca-Butnaru, E. Hamciuc, M. Bruma**, Inst. of Macromolecular Chemistry “Petru Poni”, Iasi, Romania.

- NA. 6** *NANOSCALE ANALYSIS OF THE CROSS-SECTIONAL STRUCTURE AND COMPOSITION OF ZnO:Al ACTIVE CHANNEL LAYER IN THIN FILM TRANSISTORS*, **E. Vasile, S. Mihaiu*, R. Plugaru**, IMT Bucharest, *Inst. of Physical Chemistry “I.G. Murgulescu”, Bucharest, Romania.
- NA. 8** *NANOSTRUCTURED Fe DOPED ZnO:TiO₂ FOR GAS SENSORS APPLICATIONS*, **S. Somacescu, A. Dinescu, P. Osiceanu***, IMT Bucharest, *Inst. of Physical Chemistry, Bucharest, Romania.
- NA. 9** *CUSPIDINE-TYPE SOLID OXIDES FOR FUEL CELL APPLICATIONS*, **N. Cioatera**, Univ. of Craiova, Romania.

20:30 BANQUET – Sinaia Hotel, Restaurant Hall
