

**ADVANCED MATERIALS FOR
MICRO AND NANO SCALE 2**

Session AM2: Oral presentations

Chair:

S. Bellucci, INFN-Laboratori Nazionali di Frascati,
Rome, Italy

G. Nechifor, “Politehnica” University of Bucharest,
Romania

AM2.1 *SEMICONDUCTING SPINEL FERRITE*

11:50 *POWDERS PREPARED BY SELF-COMBUSTION
METHOD FOR CATALYST APPLICATIONS,*
**N. Rezlescu¹, E. Rezlescu¹, C. Doroftei^{1,2}, P.D.
Popa¹, M. Ignat², ¹National Inst. of Research and
Development for Technical Physics, Iasi, ²Univ.
“A.I. Cuza”, Iasi, Romania.**

AM2.2 *A HIGH PERFORMANCE PIEZOCERAMIC*

12:10 *MATERIAL FOR A VIBRATION TRANSDUCER
FOR BALANCING OF ROTATING PARTS,* **C.T.
Miclea^{1,2}, M. Cioangher¹, C.F. Miclea¹,
L. Trupina¹, C. Miclea¹, L. Amarande¹,
S. Spanulescu², R. Faibis², ¹INCD-FM, Bucharest,
²Hyperion Univ., Bucharest, Romania.**

AM2.3 *STUDY OF PIEZOELECTRICITY IN*

12:30 *STRUCTURES BASED ON NANOFIBROUS ZnO
LAYERS AND POLYSILANE,* **L. Ghimpu¹,
V. Cojocaru¹, M. Soroceanu², L. Sacarescu²,
A. Katashev⁴, V. Harabagiu², I.M. Tiginyanu^{1,3},**
¹“D. Ghitu” Inst. of Electronic Engineering and
Nanotechnologies, Chisinau, Moldova, ²Inst. of
Macromolecular Chemistry “Petru Poni”, Iasi,
Romania, ³Technical Univ. of Moldova, Chisinau,
Moldova, ⁴Technical Univ. of Riga, Latvia.

AM2.4 *EXPERIMENTAL OBSERVATIONS IN 2D*

12:50 *PHONONIC STRUCTURE WITH GRANULAR
CRYSTALS,* **C. Pachiu**, IMT Bucharest, Romania.

AM2.5 $Ba(X_{1/3}Ta_{2/3})O_3$ COMPLEX PEROVSKITES FOR
13:10 MICROWAVE AND MILLIMETER-WAVE
APPLICATIONS, **L. Nedelcu, C. Busuioc, M.G.
Banciu, R. Ramer***, INCDFM, Bucharest,
Romania, *Univ. of New South Wales, Sydney,
Australia.

13:30–14:30 LUNCH
