
Tuesday, October 16, 9:00, Room “B”

**ADVANCED MATERIALS FOR MICRO
AND NANO SCALE 1**

Session AM1: Oral presentations

Chair:

I.M. Tiginyanu, Institute of the Electronic Engineering
and Nanotechnologies, Chisinau,
Moldova

M. Mihaila, Honeywell Romania SRL, Bucharest,
Romania

AM1.1 *IMPEDANCE SPECTROSCOPY OF ZnSe/
9:00 /ZnTe/CdTe THIN FILM HETEROJUNCTIONS,*
T. Potlog, Moldova State Univ., Chisinau,
Moldova.

AM1.2 *PYRENE-1-BUTYRIC ACID-DOPED POLYANILINE
9:20 FOR FLUORESCENCE QUENCHING-BASED
OXYGEN SENSING,* **B. Serban, S. Costea,
O. Buiu, C. Cobianu, C. Diaconu**, Honeywell
Romania SRL, Bucharest, Romania.

AM1.3 *ELECTRICAL PROPERTIES OF LEAD
9:40 TELLURIDE SINGLE CRYSTALS DOPED WITH
Gd,* **A. Todosiuc, A. Nicorici, E. Condrea,
J. Warchulska***, “D. Ghitu” Inst. of Electronic
Engineering and Nanotechnologies, Chisinau,
Moldova, *International Laboratory of High
Magnetic Fields and Low Temperatures, Wroclaw,
Poland.

AM1.4 *IODINE IRRADIATION INDUCED DEFECTS IN
10:00 CRYSTALLINE SILICON,* **A. Slav, A.-M.
Lepadatu, C. Palade, I. Stavarache, G. Iordache,
M.L. Ciurea, S. Lazanu, M.R. Mitroi***, INCD-
FM, Bucharest, *Univ. “Politehnica” of Bucharest,
Romania.

AM1.5 *MESOPOROUS CERIA-ZIRCONIA SOLID SOLUTIONS AS OXYGEN GAS SENSING MATERIAL USING HIGH TEMPERATURE HOT PLATES*, S. Abdollahzadeh Ghom^{1,2}, T. Andreu¹, C. Zamani², J.R. Morante^{1,2}, ¹IREC Catalonia Inst. for Energy Research, ²Univ. of Barcelona, Spain.

AM1.6 *CHARGING AND DISCHARGING PROCESSES IN ALN DIELECTRIC FILMS DEPOSITED BY PLASMA ASSISTED MOLECULAR BEAM EPITAXY*, M. Koutsourelis, A. Adikimenakis, L. Michalas, E. Papandreou, A. Pantazis*, G. Konstantinidis*, A. Georgakilas*, G. Papaioannou, Univ. of Athens, *IESL-FORTH, Heraklion, Greece.

11:00–11:30 COFFEE BREAK
