

## PAST AND FUTURE EVENTS

### TWO PROJECTS SHARE DESCARTES PRIZE A Romanian project among the ten finalists

The two winners of the Descartes Prize for this year were announced on 5 December. Each of the projects - one of which looks to develop new drugs for Multiple Sclerosis (project led by Professor Fugger from Aarhus University Hospital in Copenhagen), and another that has discovered the origins of gamma rays (project led by Edward van den Heuvel from the University of Amsterdam) - will receive 500,000 euros. The prize is awarded to scientific projects that have involved pan-European collaboration and address the concerns of citizens while contributing to Europe's competitiveness. The two winners were selected from a short list of 10 by Grand Jury, originally selected from 108 applications, the highest figure in the prize's three-year history. Among the ten finalists, there was a Romanian project, entitled MEMSWAVE (see our "MNT Bulletin", vol.3/no.1 and vol.2/no.1 for details) and led by **Dr. Alexandru Muller** from the National Institute for Microtechnologies, IMT-Bucharest. This project - which uses the micromachining capabilities of semiconductor material to develop new communication technologies - involves researchers from Romania, Greece, Italy, Sweden, Hungary and Ukraine.

For further information on the Descartes Prize, visit <http://www.cordis.lu/descartes/home.htm>.



*Dr. Yves Michot, President of the Descartes Prize Grand Jury and Dr. Alexandru Muller, MEMSWAVE Project co-ordinator - IMT Bucharest*



*The working team of MEMSWAVE Project at Sinaia Meeting, 2001*

### Romanian experts participating to the Committee Programme NMP (Nanotechnologies and nanosciences, knowledge base multifunctional materials and new production processes and devices) in FP 6

Traian AURITE - Univ. "Politehnica" Bucharest; Sergiu CHIRIACESCU - University Brasov; Dan DASCALU - IMT-Bucharest; Mirela DINESCU - INCDFLPR; Antoaneta FOLEA - Univ. "Politehnica" Bucharest; Petru FILIP - Centre of Organic Chemistry; Nicolae VASILE - ICPE-Bucharest

### Workshop on the 6th Framework Programme of the European Union

*Bucharest, December 6th, 2002*

#### Subjects:

1. The most recent information about the competition on the third thematic area «Nanotechnologies and nanoscience»  
2. Possibilities of Romanian research groups to be involved in FP6 projects in this field and needed help from national programmes.

Participants were 95 specialists from national research institutes, universities and SMEs involved in research activities. First, short talks were presented by the following speakers:

- Prof. Dan Dascalu, member of the Romanian Academy and member in the Programme Committee of EC for the third Thematic Area
- Prof. Razvan Magureanu, member in the Expert Group of EC for the third Thematic Area
- Eng. Corneliu Trisca-Rusu, Director of the National Programme MATNANTECH
- Letitia Clara Stanila, representative of Romania in the Programme Committee of EC for the third Thematic Area (National contact point)

Then the speakers answered to the numerous questions arisen from the audience. Eventually, Mircea Sbarna, Deputy Director in the Ministry of Education and Research offered consultancy about the participation of Romania to the 6th Framework Programme of the EU.



*Letitia Clara Stanila (claras@mct.ro), contact person for FP 6- Priority 3*

### INFODAY ABOUT FP6

*January 29th, Bucharest*

The Ministry of Education and Research organizes on January 29th 2003, at 9.00, at the Faculty of Electronics and Telecommunications of the University Politehnica Bucharest, room A500, an INFODAY about the 6th Framework Programme, the second and third priorities, entitled:

"Nanotechnologies and nanosciences, knowledge-based multifunctional materials, new devices & processes and micro and nanosystems"

with distinguished guests from the European Commission:

- Mr. Renzo Tomellini, Head of the unity "Nanotechnologies and nanosciences" - GD Research,
- Mr. Louis Bellemir, Head of the unity "International cooperation" - GD Research,
- Mrs. Gisele Roesems, Scientific officer - GD "Information Society".

The purpose of this INFODAY is to promote the opportunities offered by the 6th Framework Programme of the European Union and to initiate a debate about the possibilities of Romania to participate at this programme, especially on the second and third priorities of FP6.

ROUND TABLE DISCUSSION entitled "Participation of Romania in FP 6 and ERA" will be held



## INTERNATIONAL SEMICONDUCTOR CONFERENCE

### CALL FOR PAPERS

*26th Edition*

*September 28 - October 2, 2003, Sinaia, Romania*



The International Semiconductor Conference (CAS) is organized by the National Institute for Research and Development in Microtechnologies (IMT-Bucharest), co-sponsored by IEEE Electron Devices Society, Ministry for Education and Research (MEC), IEEE - Romania Section, Electron Devices Chapter, under the aegis of the Romanian Academy and Electrochemical Society, Inc.

The aim of the conference is to bring together scientists and engineers actively engaged in the field of solid state devices and technologies. CAS intends to provide a forum for presentation and discussion of the main achievements in physics, design, technology and application of semiconductor devices and materials.

#### TECHNICAL PROGRAM

Papers are solicited in the following areas: semiconductor device physics and technology, IC's design and system integration, microstructures and microsystems.

#### HIGHLIGHTS:

- Micro and nanotechnologies for transducers, interfaces and microsystems
- Nanoscience and nanoengineering
- Micro and nanotechnologies for biomedical and environmental applications
- Novel materials and intelligent materials
- Power devices and microelectronics (including CAD).
- Microoptics and microphotonics
- Micromachined devices and circuits for microwave and millimeter wave applications

The CAS 2003 program will consist in invited papers and contributed papers (structured in oral or poster sessions). It will include a Student Paper Session, the best paper being awarded by EDS Chapter.

Contributed papers will be selected on the basis of a four pages paper, structured and printed according to the IEEE format (4 pages A4, two columns, including a 50 words summary, figures and references); original + 3 hard copies are requested. For

details, the authors should consult "A Guide for CAS Papers Authors" in the INTERNET web page of the conference.

The authors should send the file of the paper by e-mail, in Microsoft Word format and the hard copies by mail, too.

The papers will be published in the CAS 2003 Proceedings (an IEEE publication). The authors of the accepted papers must sign (for printing the paper in the Proceedings) an IEEE Copyright Form. The papers submitted to CAS must be original and previously unpublished. By the IEEE Copyright form, the authors will transfer the copyright to IEEE.

#### IMPORTANT DATES

- 19th May 2003:- Submission of the contributed and invited papers.
- 20th June 2003:- Notification of the final acceptance of contributed papers

#### ORGANIZING COMMITTEE

General Chairman: D. Dascalu, IMT (dascalu@imt.ro)  
Technical Program Chair: A. Rusu, "Politehnica" Univ.

#### GENERAL INFORMATION

##### LOCATION:

Sinaia is a beautiful mountain resort located at about 125 km NW from Bucharest.

##### CONFERENCE FEE:

- 250 USD (IEEE non-member),
- 200 USD (IEEE member),
- 120 USD (student).

##### REGISTRATION FORM:

It will be sent to the authors together with the final notification of the papers acceptance.

**DETAILS** on: [www.imt.ro/cas](http://www.imt.ro/cas) and [cas@imt.ro](mailto:cas@imt.ro)