ICMCS-2014 continues the series of International Conferences in the field of automatics and robotics, biomedical systems, micro- and opto-electronics, computer science and communications, nanotechnology and nanoelectronics. The conference aims at bringing together scientists and engineers dealing with fundamental and applied research for reporting on the latest results and achievements in the fields involved.

## **TOPICS**

Contributing papers are called in the following areas:

- 1. Automatics and Robotics
- 2. Biomedical Systems
- 3. Micro-Opto-Electronics
- 4. Nanoscience and Nano-technology
- 5. Computer Sciences and Networks
- 6. Information Security
- 7. Communications and Electronic systems
- 8. New Technologies for University education.

## **ICMCS-2014 PROGRAMME**

ICMCS-2014 program will consist of invited and contributed papers (oral and poster sessions). The presentation should not exceed 15 minutes (contributed papers) and 25 minutes (invited papers). For poster sessions authors may use materials within a  $100x100 \text{ cm}^2$  panel.

## OFFICIAL LANGUAGE

The official language of the conference is English, Romanian or Russian.

#### SUBMISSION OF PAPERS

Contributed papers should be subscribed on four pages (Margins: top 2.00 cm, bottom 2.00 cm, left and right 1.80 cm, gutter 0 cm. Orientation: portrait. Paper size: A4. Line spacing: single. Text organization: two columns. Column width: 8.3. Space between columns: 0.9 cm. Last page columns must be equal in length. "Times New Roman" type font.) to be submitted by e-mail in Microsoft Word format to icmcs@mail.utm.md. The information about demands found he can on the site www.icmcs.utm.md

#### **DEADLINES**

- September 30<sup>th</sup>, 2014 Submission of papers
- October 10<sup>th</sup>, 2014 Notification of acceptance
- October 15<sup>th</sup>, 2014 Advanced Conference Registration
- October 15<sup>th</sup>, 2014 Hotel/trip reservation
- October 20<sup>th</sup>, 2014 Deadline for Registration. Participation Fee
- October 22<sup>nd</sup>, 2014 Arrival and Registration of Participants
- October 22<sup>nd</sup>, 2014 Opening of the Conference
- October 23<sup>rd</sup> & 24<sup>th</sup>, 2014 Conference events
- October 25<sup>th</sup>, 2014 Social Program
- October 25<sup>th</sup> and 26<sup>th</sup>, 2014 Departure of Participants

## **REGISTRATION FEES**

The registration fee of 200 Euro covers the cost of conference documentation, proceedings, refreshments and banquet. For participants from Romania and Community of Independent States the Registration Fee is 50 Euro.

### ADDRESS FOR CORRESPONDENCE

ICMCS-2014 Conference Technical University of Moldova 168, Stefan cel Mare av. Chisinau, MD-2004 MOLDOVA

Tel: 373.22.50.99.05 Fax: 373.22.50.99.05

e-mail: <a href="mail.utm.md">icmcs@mail.utm.md</a>
<a href="http://www.icmcs.utm.md">http://www.icmcs.utm.md</a>

## **CONFERENCE COMMITTEES**

# Honorary Chairman

Academician Gh. Duca, President of the Academy of Sciences of Moldova

Academician I. Bostan, Rector of the Technical University of Moldova

# **International Advisory Committee**

		· ·
Bostan	Ion	Moldova, Chairman
Duca	Gheorghe	Moldova, Chairman
Sandu	Maia	Moldova
Filip	Pavel	Moldova
Andreev	Veaceslav	Russia
Croitoru	Victor	România
Dascălu	Dan	România
Filip	Florin	România
Foll	Helmut	Germany
Fomin	Vladimir	Belgium
Gaponenco	Sergey	Belarus
Graur	Adrian	România
Jula	Nicolae	România
Kopaev	Yurii	Russia
Lincot	Daniel	France
Litovchenko	Vladimir	Ukraine
Maronciuc	Igor	Ukraine
Melville	Peter	Great Britain
Morcoc	Hadis	USA
Pavlidis	Dimitris	Germany
Popa	Ioan	România
Simaşchevici	Alexei	Moldova
Turigny	Nicolae	Canada
Zakhidov	Anvar	USA

# **Program Committee**

Canțer	Valeriu	Moldova,
Dorogan	Valerian	Co-Chairman Moldova, Co-Chairman
Tighineanu	Ion	Moldova,
		Co-Chairman
Bolun	Ion	Moldova
Bucliş	Mihail	Moldova
Buruc	Alexandru	Moldova
Cașcaval	Petru	Romania
Casian	Ion	Moldova
Casian	Anatolie	Moldova
Ciocanu	Gheorghe	Moldova
Climoc	Ludmila	Moldova
Cojocaru	Svetlana	Moldova
Costaș	Ilie	Moldova
Coșuleanu	Ion	Moldova
Cunev	Veaceslav	Moldova
Dimitrachi	Sergiu	Moldova
Gaindric	Constantin	Moldova
Gaugaş	Petru	Moldova
Galamaga	Eugen	Moldova
Gheorghița	Eugeniu	Moldova
Gremalschi	Anatol	Moldova

Kuliuc	Leonid	Moldova
Mocanu	Mihai	România
Nedelciuc	Vasile	Moldova
Păstrăvanu	Octavian	România
Pensa	Giovanni	Italy
Pentiuc	Ştefan-	România
	Gheorghe	
Perju	Veaceslav	Moldova
Popescu	Anatol	Moldova
Popovici	Serghei	Moldova
Rotaru	Oleg	Moldova
Rusu	Emil	Moldova
Şontea	Victor	Moldova
Sîrbu	Nicolae	Moldova
Ţurcanu	Iurie	Moldova
Tronciu	Vasile	Moldova
Ursachi	Veaceslav	Moldova

Dalmus

# **Organizing Committee**

Moldova Chairman

Balmuş	Ion	Moldova, Chairman
Andronic	Serghei	Moldova,
		Co-Chairman
Ababii	Victor	Moldova, Secretary
Avram	Ion	Moldova
Balmuş	Nicolae	Moldova
Bejan	Nicolae	Moldova
Beşliu	Victor	Moldova
Bostan	Viorel	Moldova
Cojocaru	Igor	Moldova
Cojuhari	Irina	Moldova
Dohotaru	Leonid	Moldova
Gangan	Silvia	Moldova
Guțuleac	Emilian	Moldova
Izvoreanu	Bartolomeu	Moldova
Lupan	Oleg	Moldova
Melnic	Radu	Moldova
Moraru	Vasile	Moldova
Nastasenco	Veaceslav	Moldova
Nisteriuc	Pavel	Moldova
Paladi	Florentin	Moldova
Railean	Serghei	Moldova
Romanenko	Alexandr	Moldova
Rusu	Alexandru	Moldova
Safeaniuc	Marc	Moldova
Safonov	Ghenadie	Moldova
Secrieru	Nicolae	Moldova
Şestacov	Tatiana	Moldova
Şişianu	Sergiu	Moldova
Spînu	Natalia	Moldova
Ursachi	Gheorghe	Moldova
Varzari	Boris	Moldova
Zaporojan	Sergiu	Moldova

# FIRST ANNOUNCEMENT and CALL FOR PAPERS

# ICMCS-2014

VIII International Conference on Microelectronics and Computer Science CHISINAU, MOLDOVA October 22-25, 2014



# organized by

Technical University of Moldova Academy of Sciences of Moldova

in cooperation with

Ministry of Education
Ministry of Informational Technologies and
Communications
"Hard & Soft" ONG
Institute of Applied Physics
Institute of Mathematics and Informatics
Institute Electronic Engineering
Moldova State University
"Ion Creangă" State Pedagogical University
Special Telecommunication Center
e-Government Center
RENAM Public Association