

CONFERENCE FEE

Conference Fee includes: participation in all sessions, CAS Welcome Cocktail, Banquet and lunches, as well as the CAS 2016 Proceedings.

Conference Fee does not include: accommodation.

Cheques are not accepted.

Conference Fee	Before August 15 th	After August 15 th
IEEE Non-Member	350 EUR	400 EUR
IEEE Member	300 EUR	350 EUR
Students	180 EUR	200 EUR

Participants will send the Conference Fee by bank transfer (bank commission not included) to the **IMT Bucharest account**, open for CAS 2016:

Account:

IBAN RO 24 BNCB 0073 0027 5989 0011 (EUR)
SWIFT/BIC code RNCBROBU
BCR Sector 2 Branch
8 Popa Lazar, sector 2, Bucharest, Romania
Ref. "Conference Fee-CAS 2016"

The Romanian participants will pay the Conference Fee by bank transfer (bank commission not included) to the:

IMT Bucharest Account:

BCR Sector 2 Branch

IBAN: RO03 RNCB 0073 0027 5989 0001-lei
or directly to: IMT Bucharest, 126A, Erou Iancu Nicolae Str., 077190 Bucharest, Romania.

CANCELLATION POLICY:

Participants are encouraged to register in advance for their own convenience. Due to printing and hotel commitments, refunds requested after September 15th cannot be guaranteed.

A processing fee of 100 EUR (for foreign participants) or equivalent in RON will be withheld from all refunds.

ORGANIZING COMMITTEE

General Chairman:

Dan Dascalu - IMT Bucharest

Technical Program Vice Chair:

Mircea Dragoman - IMT Bucharest

Gheorghe Brezeanu - University Politehnica of Bucharest

Conference Manager:

Cristina Buiculescu - IMT Bucharest



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CALL FOR PAPERS

The 39th edition



2016

INTERNATIONAL SEMICONDUCTOR CONFERENCE

MICRO- AND NANOTECHNOLOGIES

October 10-12, 2016
Sinaia, Romania



organized by

National Institute for Research and Development in Microtechnologies
IMT Bucharest

co-sponsored by

IEEE - Electron Devices Society
Ministry of National Education and Scientific Research
IEEE - Romania Section
Electron Devices Chapter



SCOPE

The 39th edition of the International Semiconductor Conference (CAS 2016), an IEEE event – will take place from 10th to 12th of October 2016, in Sinaia, Romania.

TOPICS

Contribution in solid-state devices and (sub)systems are called in the following domains.

❖ **Simulation and fabrication of microstructures and microsystems:** surface and bulk micromachining, microengineering techniques, electro-opto-mechanical microsystems, microsensor and actuator integration, signal processing, computational intelligence and system interfacing, biosensors and microsystems for biomedical applications; optical, opto-electronic and photonic functional components, RF MEMS;

❖ **Science and technology of nanostructures and nanostructured materials:** composite nanoparticles and nanostructures with selective properties, nanostructures and nanostructured materials with special properties, nanotechnologies and nanostructures;

❖ **Semiconductor device physics and technology:** device modelling and simulation, silicon and compound semiconductor devices, heterostructures, advanced materials and processes, reliability and defect engineering;

❖ **Design and technology of microelectronic components:** microelectronic, microphotonic and microwave integrated subsystems, devices and modules for power control and conversion, specialized electronic circuits integrated in the microelectronic technology, testing and reliability.

REGULAR PAPERS

Papers should be sent in the following DOMAINS:

- ❖ **Nanoscience and nanoengineering;**
- ❖ **Micro- and nanophotonics and Optoelectronics;**
- ❖ **Microwave and Millimeter Wave Circuits and Systems;**
- ❖ **Microsensors and Microsystems;**
- ❖ **Modelling;**
- ❖ **Semiconductor Devices;**
- ❖ **Integrated Circuits;**
- ❖ **Physics of Materials.**



CAS 2016 PROCEEDINGS

The contributed and invited papers will be published in the CAS 2016 Proceedings (an IEEE publication), which will be delivered to the participants at the beginning of the conference. 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.

CAS 2016 PROGRAM

CAS 2016 program will consist in contributed (structured in oral or poster sessions) and invited (by the organizing committee) papers.

In oral sessions authors may use PowerPoint presentations. The presentation should not exceed 20 minutes (contributed papers), respectively 30 minutes (invited papers), discussion included. The recommended format for posters is A0. The organizers may deliver on demand the **A0 size colour posters**, for an additional. The interested participants should send the electronic file of the poster to the address: print@imt.ro

The program will include a **Student Papers Session**. The best paper is to be awarded by EDS Chapter. To be eligible, the paper must be based on the student's own work and the authors should mention their option to be registered in this session.

A session of **Tutorials** is planned before the Conference, on Sunday 9th of October, 2016, afternoon.

PAPERS TO BE SUBMITTED

Contributed papers will be selected on the basis of a **four pages paper**, structured according to the IEEE format (4 pages A4, two columns, including a 50 words summary, figures and references). **The address for up-loading the papers for CAS 2016 will be announced in April 2016.**

Any author of an accepted paper to a CAS edition, who will not come to defend it, will no longer be accepted to participate in the following edition of the conference.

INVITED PAPERS

The invited papers (6-10 pages A4, two columns, including a 50 words summary, figures and references) will be printed in the same format given for the contributed papers.

DEADLINES

- **May 29th, 2016** Submission of the contributed papers.
- **July 15th, 2016** Notification of the final acceptance of contributed papers.

Selected Conference papers will be published in-extenso in ROMJIST (ISI publication).

GENERAL INFORMATION

OFFICIAL LANGUAGE: All written materials and oral presentations should be in English.

LOCATION

CAS 2016 will be held from Monday 10th to Wednesday 12th of October in Sinaia - "the Pearl of Carpathian Mountains". Sinaia is a beautiful mountain resort, located at about 125 km (by car or by train) from Bucharest. The town was named after **Sinaia Monastery**, around which it was built; the monastery in turn is named after the Biblical Mount Sinai. You can visit interesting places: **Peles Royal Castle** and **Pelisor Castle** (<http://www.peles.ro/>) the **Cantacuzino Castle**, (www.cantacuzinocastle.com/) and the **Bran Castle** (from the XIV century, recently related to the famous "Dracula" (www.bran-castle.com/)).

REGISTRATION FORM

Participants should register in advance and reserve accommodation, by sending the Registration Form, by mail or by fax, to the CAS Office.

The Registration Form will be sent, with the final notification, to all the authors, or on request.

The payment formalities for accommodation will be carried out by the participants on their arrival at Sinaia, Romania, at Rina Sinaia Hotel.

