

## CONFERENCE FEE

The fee includes: participation to all conference sessions, conference materials including CAS 2018 Proceedings, coffee breaks and lunches, Welcome Cocktail, Banquet.

The conference fee does not include accommodation. Cheques are not accepted.

## ORGANIZING COMMITTEE

### General Chairman:

**Dr. Adrian Dinescu** - IMT Bucharest

### Technical Program

**Chair: Dr. Mircea Dragoman** - IMT Bucharest

**Co-Chair: Prof. Gheorghe Brezeanu** -

“Politehnica” University of Bucharest

### Conference Manager:

**Claudia Roman** - IMT Bucharest

## CALL FOR PAPERS



10 – 12 October 2018, Sinaia, Romania

# CAS 2018

# 41<sup>st</sup>

# International Semiconductor Conference

an IEEE event



Conference Fee	Before August 15 <sup>th</sup> , 2018	After August 15 <sup>th</sup> , 2018 or at the Conference
IEEE Non-Member	300 EUR	350 EUR
IEEE Member	250 EUR	300 EUR
Students	130 EUR	150 EUR

## REGISTRATION FORM

Participants should register in advance and book hotel rooms, by sending the Registration Form to the CAS Secretariat.

## CONTACT

### CAS Secretariat

Address: IMT Bucharest  
126 A, Erou Iancu Nicolae Str., 077190 Bucharest, Romania

Phone: +40 21 269 0777; +40 21 269 0779

Fax: +40 21 269 0772; +40 21 269 0776

E-mail: [cas@imt.ro](mailto:cas@imt.ro)

CAS website: <http://www.imt.ro/CAS>

## SPONSORS

- o IEEE - Electron Devices Society
- o Romanian Ministry of Research and Innovation



### Organiser:

**National Institute for Research and  
Development in Microtechnologies  
- IMT Bucharest**



[www.imt.ro](http://www.imt.ro)

[www.imt.ro/cas](http://www.imt.ro/cas)

The **41<sup>st</sup> edition of the International Semiconductor Conference - CAS 2018**, an IEEE event, to be held October 10-12, 2018, in the historical mountain resort of Sinaia, Romania, provides a forum of debate on selected topics of scientific research and technological development in the semiconductors field.

## CAS 2018 PROGRAM

The 41<sup>st</sup> International Semiconductor Conference will feature **plenary sessions with invited papers, parallel sessions for oral presentations of regular papers and posters sessions.**

The program will include a **special session** devoted to **Student papers**. The best student paper will be awarded. 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 when uploading the paper.

## CAS 2018 PROCEEDINGS

The papers accepted for presentation will be included in the 2018 International Semiconductor Conference Proceedings, which will appear in IEEE Xplore.

The papers submitted to CAS must be original and previously unpublished. The authors of accepted papers will be requested to sign and submit an IEEE Copyright Form stating the originality of the paper (for printing the paper in the Proceedings). The copyright will be transferred to IEEE.

## CAS SCIENTIFIC PROFILE

- o Science and technology of nanostructures and nanostructured materials
- o Simulation and fabrication of microstructures and microsystems
- o Semiconductor device physics and technology
- o Design and technology of microelectronic components
- o Design and simulation of integrated circuits

## CAS 2018 TOPICS

Authors are invited to submit original papers on the following topics:

- o **Nanoscience and nanoengineering**
- o **Micro- and nanophotonics and optoelectronics**
- o **Microwave and millimeter wave circuits and systems**
- o **Microsensors and microsystems**
- o **Modelling**
- o **Semiconductor devices**
- o **Integrated circuits**

## PAPERS TO BE SUBMITTED

The regular papers will be selected on the basis of an extended abstract according to the IEEE format (four A4 pages with two columns, including a 50 words summary, figures and references).

All regular papers on the conference topics will undergo a peer-review procedure.

**The address for up-loading the papers for CAS 2018** is available on the conference website:  
[http://www.imt.ro/cas/paper\\_submission.php](http://www.imt.ro/cas/paper_submission.php)

## DEADLINES

- o **Extended deadline: June 18, 2018**
- o **July 23, 2018: Notification of the final acceptance of regular papers**

## GENERAL INFORMATION ABOUT CAS

### OFFICIAL LANGUAGE

All written materials and oral presentations should be in English.

### CONFERENCE VENUE

CAS 2018 will take place at Rina Sinaia Hotel located in Sinaia, "the Pearl of Carpathian Mountains".

Sinaia is a beautiful mountain resort, located at about 125 km from Bucharest. The town was named after Sinaia Monastery, in turn named after the Biblical Mount Sinai. You can visit interesting places nearby: Peles Royal Castle and Pelisor Castle, the Cantacuzino Castle in Busteni, the Bran Castle (from the XIV century, recently related to the famous "Dracula").

