



The IEEE Computer Society
Technical Committee on
VLSI

Technical Co-Sponsor



3rd IEEE INTERNATIONAL SYMPOSIUM ON NANOELECTRONIC and INFORMATION SYSTEMS

(DEC 18-20, 2017 @ Bhopal, INDIA)

CALL FOR SPECIAL SESSIONS and PANELS

<http://www.ieee-inis.org>



The **primary objective of IEEE-iNIS** is to provide a platform for both hardware and software researchers to interact under one umbrella for further development of efficient and secure information processing technologies. Efficient and secure data sensing, storage, and processing play pivotal roles in current information age. The state-of-the-art nanoelectronic technology based hardware systems cater to the needs of efficient sensing, storage, and computing. At the same time, efficient algorithms and software used for faster analysis and retrieval of desired information are becoming increasingly important. Big data which are large, complex data sets, are now a part of the Internet world. Storing and processing needs of the enormous amount of structured and unstructured data are getting increasingly challenging. At the same time, Internet of Things (IoT) and cyber-physical systems (CPS) have been evolving with simultaneous development of hardware and software and span across everyday consumer electronics. The performance and efficiency of the present as well as the future generations of computing and information processing systems are largely dependent upon advances in both hardware and software. IEEE-iNIS has been initiated as a sponsored meeting of Technical Committee on VLSI, IEEE-CS (<http://www.ieee-tcvlsi.org/>) that endorses a league of successful meetings including ASAP, ISVLSI, and ARITH, are now presented as "Sister Conferences".

IEEE-iNIS 2017 invites proposals for special sessions and panels from both academia and industry. Special session proposals on emerging topics and new developments that are complementary to the regular sessions are encouraged.

GUIDELINES:

- ❖ Special session proposals should follow these guidelines:
- ❖ Not exceed two pages.
- ❖ Should describe the topic, the format and intended audience.
- ❖ Must include the session title, the organizers, and a list of suggested participants with their biographical data and presentation topics. It is preferred to have three talks in each special session (maximum of three papers can be included in a session).
- ❖ Sessions with two talks of 30 mins duration each as well as Sessions of 1hr tutorial/talk are also considered.

Speaker presenting the work at the special session needs to register at the conference, and has the opportunity to include a paper up to 6 pages (minimally a 1-page extended abstract required) in the proceedings. Papers will be reviewed and published in the conference proceedings published by IEEE-CS conference publications services.

Special session and panel proposals/papers can be submitted to "Special Sessions and Panels" track at following link: <https://easychair.org/conferences/?conf=inis2017>.

Session Proposals Due: July 28, 2017 (Extended to August 15, 2017)

Acceptance of Proposals: Aug 30, 2017 **Full Papers for Review:** Sep 17, 2017

Acceptance of Papers: Sep 30, 2017 **Final Version of Papers:** October 10, 2017.

General Chairs:

Dhruva Ghai, Oriental University, India
Xin Li, Carnegie Mellon University, USA
Prasun Ghosal, IIST, India

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Alak Majumdar, NIT Arunachal Pradesh, India
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Tripta Thakur, MANIT, Bhopal, India
Umar Albalawi, University of Tabuk, Saudi Arabia

Saumya Kanti Datta, Eurecom, France

Local Arrangement Chair:

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Taruna Jain, Barkatullah UIT, Bhopal, India
Deepak Verma, MANIT, Bhopal, India,

Special Session Chairs:

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Hai (Helen) Li, Duke University, USA

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