

June 28-30, 2021,
in Apulia, Italy (Virtually)

Call for Special Sessions

16th IEEE International Conference on Design & Technology of Integrated Systems in Nanoscale Era



General Chair:
Luigi Dilillo
LIRMM, France

Vice-General Chair:
Daniela De Venuto
Politecnico di Bari, Italy

Program Chair:
Hassen Aziza
IM2NP, France

Special Session Chair:
Marcello Traiola
Ecole centrale Lyon - INL

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Key Dates:
**Special Session
Abstract Submission:**
~~April 11th, 2021~~
April 18th, 2021

**Abstract Acceptance
Notification:**
~~April 13th, 2021~~
April 20th, 2021

**Special Session Paper
Submission:**
May 04th, 2021

**Special Session Paper
Notification:**
June 01st, 2021

Camera Ready:
June 22nd, 2021

The aim of the conference is to cope with technology scaling limits and the emergence of novel paradigms. The areas of interest include design, technology, test and dependability of electronic products. The proposed work must introduce new concepts concerning methodologies, tools and theoretical approaches for design, verification and validation.

Special Session proposal: DTIS 2021 seeks proposals for Special Sessions. The special sessions should aim at providing a complementary experience with respect to the regular sessions by focusing on hot and emerging topics of interest to the Nanotechnology Community (emerging technologies, approximate computing, beyond Von Neumann architectures such as neuromorphic and in-memory computing), as well as on multidisciplinary topics, that are expected to have a significant impact on the future technologies. A special session could consist of a set of individual presentations or a panel, possibly including experts from the industry.

Submission Guidelines: Proposals for original, high-quality Special Sessions addressing innovative research, highlighting significant topics and emerging issues, related to the conference theme, should not exceed two pages, should describe the topic and intended audience, and include a short bio of organizer(s). All special session proposals should be sent to the special session chair within the standard paper submission deadline (April 11th, 2021).

Publication: Upon acceptance, special session presenters can prepare either a single paper for the entire session or one paper per presenter to be included in the formal proceedings. For this reason, papers (presenting original and unpublished contributions and that may be 4 pages or 6 pages long) for special session will go through review process. Accepted papers will appear in the formal proceedings of DTIS 2021 symposium. Proceedings will be published by the IEEE and appear in the IEEEExplore Digital Library.

The conference will be held virtually: Considering the influence of coronavirus outbreak and travel restrictions, and, with the intent to protect the health and safety to all of the participants, the 16th International Conference on Design & Technology of Integrated Systems in Nanoscale Era, scheduled in June 28th-30th 2021, will be **virtualized** (the participation of all contributors will be by videoconference).

Journal Special Issue: The authors that submitted their work at DTIS 2021 are invited to submit an extended version of their papers to a Special Issue of Microelectronics & Reliability journal, Elsevier.

www.lirmm.fr/dtis2021/

Questions about the conference can be addressed to:

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