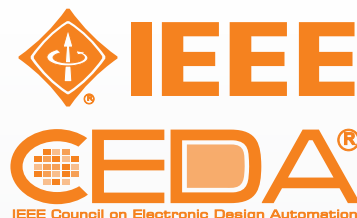


DDECS

DESIGN & DIAGNOSTICS of ELECTRONIC CIRCUITS & SYSTEMS



23rd Symposium on DESIGN & DIAGNOSTICS of ELECTRONIC CIRCUITS & SYSTEMS

April 22-24, 2020, Novi Sad, Serbia

Call for Papers

Aim of The Conference

The IEEE International Symposium on Design and Diagnostics of Electronic Circuits and Systems (**DDECS2020**) provides a forum for exchanging ideas, discussing research results, and presenting practical applications in the areas of design, test, and diagnosis of microelectronic digital, analog, and mixed-signal circuits and systems. The topics include the following but are not limited:

- Emerging Technologies
- Wireless Communication Systems
- Embedded Systems
- Dependable Systems
- Embedded Machine Learning
- Approximate Computing
- Formal Methods in System Design
- Hardware/Software Co-Design
- IP-Based Design
- ASIC/FPGA Design
- Internet-of-Things Design and Test
- SoC and NoC Design and Test
- Digital Circuits Design and Test
- RF, Analog and Mixed-Signal Circuits Design and Test
- Memory Design and Test
- MEMS Design and Test
- Verification and Validation
- On-Line Testing
- Built-In Self-Test and Self-Repair
- Design for Test Ability and Diagnosis
- Defect/Fault Tolerance and Reliability
- Design and Test in Nano-Technologies
- ATE Hardware and Software
- Debug and Diagnosis
- Hardware Security and Trust
- Flexible and Printed Electronics
- Automotive Electronics
- Medical Electronics
- Bio-Inspired Electronics
- Stretchable and Textile Electronics
- Mechatronics
- Sensors and Transducers
- Integrated Passive Components
- Microfluidic Electronic Devices
- Physical Failure Analysis

The Symposium will take place in Novi Sad - the second largest city of the Republic of Serbia and one of the most beautiful cities in South-East Europe and the city of the famous EXIT music festival. Moreover, Novi Sad has been declared as one of the three European Capitals of Culture for 2021 as well as the European Youth Capital for 2019.

Papers Submission

Authors are invited to submit original, unpublished research work to **DDECS2020**. Papers submissions should be a complete manuscript. The manuscript should follow the instructions included in the author's kit at the conference web site. Submitted articles should be in PDF format and uploaded to the on-line submission system.

Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

Papers submission info: www.ddecs2020.org

Symposium Deadlines

Submission deadline: February 10, 2020

Notification of acceptance: March 15, 2020

Organizing Committee

Prof Goran Stojanović, Faculty of Technical Sciences, University of Novi Sad, Serbia, email secretariat@ddecs2020.org

Prof Mirjana Damnjanović, Faculty of Technical Sciences, University of Novi Sad, Serbia

Host Organization & Venue

The host organization: Faculty of Technical Sciences, University of Novi Sad
Trg Dositeja Obradovića 6, 21000 Novi Sad, Serbia
www.ftn.uns.ac.rs

The host venue: Hotel "Park" Novi Sad
Novosadskog sajma 35, 21000 Novi Sad, Serbia
www.hotelparkns.com/en

Registration fees

Early registration fees:

Regular, non-IEEE member	420 €
Regular, IEEE member	350 €
Student, non-IEEE member	200 €
Student, IEEE member	150 €

Late registration fees will be 25% higher.

Chairs

General Chair
G. Stojanović - Serbia

General Vice-Chair
L. Miclea - Romania

Program Chairs
Z. Stamenković - Germany

Program Vice-Chairs
A. Bosio - France

Topic Chairs
M. Damnjanović - Serbia
G. Leger - Spain
M. Schölzel - Germany
L. Sekanina - Czech Rep.
M. Sonza Reorda - Italy