

The Undergraduate Academic Conference

IEEE TUAC 2021

July 10–11, 2021



Call for Papers

- ▶ IEEE TUAC is an academic conference, which aims to encourage undergraduate students in engineering and natural sciences to document their projects in the form of an academic paper and obtain exceptional learning experience as well as career building opportunities.

Topics

- ▶ TUAC welcomes papers in all fields of engineering and natural sciences. Submissions are invited in, but not limited to, the following topics:
 - ▷ Artificial Intelligence
 - ▷ Bioinformatics
 - ▷ Cloud Computing, Edge Computing, and Security
 - ▷ Communication Systems
 - ▷ Computational Fluid Dynamics
 - ▷ Computer Graphics
 - ▷ Computer Vision and Pattern Recognition
 - ▷ Control and Automation
 - ▷ Cryptography
 - ▷ Data Mining and Knowledge Discovery
 - ▷ Electrical Energy and Power Systems
 - ▷ Electrical Machines and Energy Conversion
 - ▷ Electromagnetic, Microwave and Antenna Technologies
 - ▷ Embedded Systems and Robotics
 - ▷ Internet of Things
 - ▷ Machine Learning and Deep Learning
 - ▷ Material Science
 - ▷ MEMS and Microsystem Technologies
 - ▷ Modeling and Simulation
 - ▷ Neuroscience
 - ▷ New Materials and Nanotechnology
 - ▷ Numerical Analysis
 - ▷ Optimization
 - ▷ Optoelectronics
 - ▷ Power Electronics
 - ▷ Renewable Energy Systems
 - ▷ Signal Processing
 - ▷ Smart Grid
 - ▷ Space Environment Aviation Technology
 - ▷ Virtual, Augmented Mixed Reality

Important Notes

- ▶ Conference book will be available through the conference website.
- ▶ Please make sure that the submitted documents are in accordance with the predefined templates.
- ▶ Papers and presentations will be submitted via:
 - ▷ tuac.trackchair.com

Important Dates

- ▶ Abstract Submission:
 - ▷ **May 23, 2021**
- ▶ Submission of Full Paper:
 - ▷ **June 09, 2021**
- ▶ Notification of Acceptance:
 - ▷ **July 3, 2021**

Sponsors



Organization

- ▶ **Honorary Chair:**
 - ▷ H. Fatih Uğurdağ, IEEE Turkey Section Chair
- ▶ **General Chair:**
 - ▷ Serhan Yarkan, IEEE Turkey Section PDEA Coordinator
- ▶ **Vice Chair:**
 - ▷ Ali Boyacı, IEEE Turkey Section PDEA Vice-Coordinator
- ▶ **Program Chair, Co-Chair:**
 - ▷ Murat Tümer, IEEE Turkey Section SAC Coordinator
 - ▷ Tunçer Baykaş, IEEE Turkey Section Vice Chair
- ▶ **Conference Track Chairs:**
 - ▷ Serhan Yarkan, Electrical and Electronics Engineering
 - ▷ Sezer Gören Uğurdağ, Computer Science and Engineering
 - ▷ Yeşim Üniz, Robotics and Mechatronics
 - ▷ Nezh Topaloğlu, General Engineering and Natural Sciences

Miscellaneous

- ▶ Please fill in the TUAC Participant Survey at:
 - ▷ tuac.ieee.org.tr/survey
- ▶ Follow IEEE Turkey Section on social media.

Contact Information

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