



Call For Papers

IEEE SCEMS
Huzhou 2021

The 4th IEEE Student Conference on Electric Machines and Systems

Huzhou, China December 1-3, 2021

<http://scems2021.com/>

Aims and Scopes

The IEEE SCEMS aims to provide a forum for student and youth researchers, scientists and engineers to present their latest R&D achievements and to exchange information and experiences in the field of electrical machines and systems, including electrical machines of all types and all aspects, power electronic converters, motion control, electrical drive, and application systems, as well as other relevant areas.

Topics

Topics include but are not limited to the following:

EM: Electric Machine Design and Analysis

- a: Permanent Magnet Machines
- b: Induction and Synchronous Machines
- c: Linear and Special Machines
- d: Transformers and Power Apparatus
- e: Magnetics and Field Analysis
- f: Magnetic and Insulation Materials

PE: Power Electronics and Motor Drives

- a: Machine System Modeling
- b: Motor Control and Motor Drives
- c: Motion Control and Servo Systems
- d: Sensorless Control
- e: Automotive Power Electronics and Chargers
- f: Power Converters and Power Supplies

EA: Electric Machine Applications

- a: Renewable Energy Generation
- b: Energy Storage Technologies
- c: Electrified Transportation
- d: Robot Systems
- e: High Efficiency Fans and Pumps
- f: Other Energy Conversion Technologies

PS: Power System

- a: Security, Safety and Reliability of Power Systems
- b: Global Energy Interconnection
- c: Demand Side Management
- d: Power Market, Economics and Sustainability

Submission

Digests and full papers must be submitted through the official website: <http://scems2021.com>

Publication

Conference papers registered and presented at the IEEE SCEMS 2021 will be published in the IEEE Xplore Digital Library, and be submitted to EI Compindex. Selected papers will be recommended for peer review for publication on IEEE Trans. Industry Applications.

Important Dates

July 15, 2021 (extended)	Digest submission due
August 1, 2021	Provisional acceptance
September 15, 2021	Early bird registration due
September 15, 2021	Full paper submission due
December 1-3, 2021	Conference dates

Organizers

Zhejiang University IEEE IAS Student Branch Chapter
Zhejiang Provincial Key Lab of Electrical Machine Systems
Huzhou Institute of Green and Intelligent Manufacturing

Sponsors

IEEE Industry Applications Society
Natural Science Foundation of China (Grant 51837010)
Huzhou Municipal Government
Zhejiang University

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