



CALL FOR PAPERS

First Announcement



ICEMS2020—Hamamatsu

The 23rd International Conference on Electrical Machines and Systems
November 24-27, 2020, ACT CITY Congress Center, Hamamatsu, Japan

Conference Chair Prof. T. Noguchi

Organizing Committee Chair Prof. K. Yamazaki

International Steering Committee Chair Prof. H. Ohsaki

Technical Program Committee Chair Prof. S. Yamamoto

The Industry Applications Society of the Institute of Electrical Engineers of Japan (IEEE) is pleased to announce that the 23rd International Conference on Electrical Machines and Systems (ICEMS2020) will be held during November 24-27, 2020, in Hamamatsu, Japan. The aims of the conference are provision of an opportunity for scientists and experts to present the latest research developments in the field of electrical machines and their related systems (rotating and other machines, motor drives, power electronics, and motion control) and exchange of useful information and experiences not only in cutting-edge technologies but also application specific technologies. Started in Beijing in 1987, the ICEMS is now established as a regular annual event. The ICEMS2020 has a technical co-sponsorship with the IEEE Industry Applications Society. All papers presented at the ICEMS2020 will be posted on the IEEE Xplore Digital Library. Selected papers will be recommended to the review process for the possible publication in the IEEE Transactions on Industry Applications.

Venue

Hamamatsu is an industrial city located in the west part of Shizuoka prefecture. It is located in the middle of the two metropolitan cities, Tokyo and Osaka, and Shinkansen bullet train takes you to Hamamatsu in approximately two hours from these cities. It has long been known for the production of musical instruments with Yamaha and Kawai as well as the automotive industry established by Honda, Suzuki and Yamaha. ACT CITY is a symbol of Hamamatsu city aspiring to establish itself as the “City of Music” and the “City of Automotive Industry.” There are various facilities such as a congress center, concert halls, exposition halls, a shopping mall, a hotel, and more.

Important Due Dates

One-Page Digest March 1, 2020

Notification of Acceptance June 26, 2020

Final Submission and

Author Registration Deadline August 28, 2020



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Topics

Technical papers are solicited on any subject pertaining to the scope of the conference that includes, but is not limited to, the following major topics:

- *Permanent Magnet Motors and Drives*
- *Permanent Magnet Generator Systems*
- *Induction Machines and Drives*
- *AC/DC Machines and Drives*
- *Synchronous Machines and Drives*
- *Reluctance Machines and Drives*
- *Linear Drives and Magnetic Levitations*
- *Special Machines and Actuators*
- *Electric/Hybrid Vehicles and Drives*
- *Transformers and Power Apparatus*
- *Magnetics and Field Analysis*
- *Magnetic and Insulation Materials*
- *Noise, Vibration, EMI and EMC*
- *Manufacturing, Testing and Standards*
- *Power Converters*
- *Motion Control and Servo Systems*
- *Sensorless Control*
- *Renewable Energy Systems*
- *Automotive Power Electronics*
- *Batteries Modeling and Management, and Energy Storage Systems*
- *Transportation and Other Applications*
- *Reliability and Diagnostics*
- *Machine System Modeling*
- *Energy Efficiency Systems*
- *Cooling Technologies*
- *Electrical Engineering Education*
- *Other Related Topics*

Technical Exhibition

The organizing committee of the ICEMS2020 also calls for exhibitors in the conference. Potentially interested exhibitors are recommended to contact the conference secretariat.



Organized by the IEEJ Industry Applications Society (IEEJ-IAS)



China Electrotechnical Society (CES)



Co-Organized by The Korean Institute of Electrical Engineers
Electrical Machinery and Energy Conversion Systems (KIEE-EMECS)



Technically Co-Sponsored by the IEEE
Industry Applications Society (IEEE-IAS)

For further information, please contact the ICEMS2020 conference chair at noguchi.toshihiko@shizuoka.ac.jp
Please visit the official website: <http://www.icems2020.com> (TBD)

