



The 20th International Conference on Electrical Machines and Systems

ICEMS 2017
www.icems2017.org

11 - 14 August 2017
International Convention Centre
Sydney, NSW, Australia

Honorary Chairmen:

Qingxin Yang, CES, China
Jin-Woo Ahn, KIEE EMECS, Korea
Toshihisa Shimizu, IEEJ-IAS, Japan
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Dylan Lu, Co-Chairman, Australia
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Organizer and Sponsor:



UTS, Australia

Technical Sponsors:



China Electro-technical Society
(CES)



Korean Institute of Electrical
Engineers (KIEE), EMECS
Society



IEEJ Industry Applications
Society (IEEJ-IAS)



IEEE Industry
Applications Society

CALL FOR PAPERS

The 20th International Conference on Electrical Machines and Systems (ICEMS2017) will be held on 11-14 August 2017 in Sydney, Australia. This conference aims to provide a forum for researchers, scientists, and engineers to present their latest R&D achievements and to exchange useful information and experiences in the field of electrical machines and systems. Started in Beijing, China, in 1987, ICEMS is a regular annual event with sponsorships from the China Electrotechnical Society (CES), Korean Institute of Electrical Engineers (KIEE) EMECS Society, and Institute of Electrical Engineers of Japan Industry Applications Society (IEEJ-IAS), along with the technical co-sponsorship from the IEEE Industry Applications Society (IEEE-IAS).

The Topics of interest are broadly categorized into, but not limited to, the following:

- (1) Permanent Magnet Motor Drives
- (2) Permanent Magnet Generator Systems
- (3) Induction Machines and Drives
- (4) DC Machines and Drives
- (5) Synchronous Machines and Drives
- (6) Reluctance Machines
- (7) Linear Machines and Magnetic Levitation
- (8) Special Machines and Actuators
- (9) Transformers
- (10) Magnetics and Field Analysis
- (11) Magnetic and Insulation Materials
- (12) Power Converters
- (13) Motion Control and Servo Systems
- (14) Sensorless Control
- (15) Machine System Modeling
- (16) Renewable Energy Systems
- (17) Energy Efficiency Systems
- (18) Reliability and Diagnostics
- (19) Noise, Vibration, EMI and EMC
- (20) Cooling Technologies
- (21) Manufacturing, Testing and Standards
- (22) Transportation and Other Applications
- (23) Electrical Engineering Education
- (24) Other Related Topics

All presented papers will be included in the conference proceedings and submitted to the database of IEEExplore. Selected papers will be recommended to IEEE Transactions on Industry Applications.

Conference Venue:

International Convention Centre (ICC) Sydney, 14 Darling Drive, Sydney, NSW 2000, Australia, (<http://www.iccsydney.com.au/>)



Local Organizing Committee:

Quang Ha, Chairman, UTS, Australia
Dylan Lu, Co-Chairman, UTS, Australia
Ricardo Aguilera, UTS, Australia
Gang Lei, UTS, Australia
Li Li, UTS, Australia
Peter McLean, UTS, Australia
Ha Ngoc Pham, UTS, Australia
Yam Siwakoti, UTS, Australia
Tianshi Wang, UTS, Australia
Peter Watterson, UTS, Australia
Jiangfeng Zhang, UTS, Australia

Important Dates:

- 15 November 2016, Conference website open for submission of one page digests
- 31 March 2017, Deadline for submission of one page digests
- 30 April 2017, Announcement of digest acceptance
- 1 May 2017, Conference website open for full paper submission, and early bird registration
- 1 July 2017, Deadline for full paper submission, and early bird registration

Contacts:

- Technical Program Committee, tpc@icems2017.org
- Organizing Committee and Secretariat, organizer@icems2017.org

Submission of Digests and Full Papers:

Researchers of the above listed areas are invited to prepare one page digests in the format specified in ICEMS2017_Digest_Template.doc downloadable at www.icems2017.org, and submit them to the Technical Program Committee. After a peer review process, the authors of accepted digests will be invited to prepare their full papers taking into account the reviewer comments for inclusion in the conference proceedings to be uploaded to IEEExplore database, and present their work to the conference. The full paper format is specified in ICEMS2017_Full_Paper_Template.doc which is downloadable from www.icems2017.org.

Program:

The conference program will consist of invited keynote speeches, oral and poster presentations, and tutorial sessions. The invited presentations will be selected from the submitted digests by the Technical Program Committee. Each paper must be presented by an author. No-show papers will not be eligible for inclusion in the conference proceedings and IEEExplore database.

Exhibition and Sponsorship:

An exhibition of related services, equipment, materials, software, technical journals and books will be held as a part of ICEMS2017. Industrial companies, research institutions, and organizations that are interested in purchasing booth space for exhibition or supporting conference events should contact the organizing committee by email to organizer@icems2017.org. The Exhibitor and Sponsor Prospectus is available at www.icems2017.org under "Exhibition and Sponsorship".

