

## IEEE ETFG 2023 Call for Participation



Dear Colleagues,

The 2023 IEEE International conference on Energy Technologies for Future Grids (IEEE ETFG 2023) (<https://attend.ieee.org/etfg-2023/>) will be held in Wollongong, Australia on 3-6 December 2023. The conference is the first biennial event organized by the Australian Research Council (ARC) - Industrial Transformation Training Centre in Energy Technologies for Future Grids (ARC Future Grids ITTC) in collaboration with the Government Organizations, Universities and Industries in Australia.

The theme of the conference is "Challenges, Solutions, and Opportunities for Industrial Transformation".

The conference will provide a forum for researchers, policy makers and industry professionals to share their knowledge and experience in the latest technologies available in modernizing grid infrastructures and energy technologies. IEEE ETFG 2023 will also open up an opportunity for academics and industrial professionals worldwide to exchange their knowledge of the state-of-the-art power electronics and drive technologies and their applications.

IEEE ETFG 2023 is 100 per cent financial sponsored by the IAS and technical co-sponsored by the IES and the PES. The 4-day conference programme will offer tutorials/short courses, plenary talks and keynotes from industries and world leaders, special sessions, panel discussions, technical paper presentations, exhibitions and showcases. Papers presented in conference will be submitted to the IEEE *Xplore* Digital Library and also will be eligible for

review and publication in IEEE Transactions in Industry Applications or IEEE Industry Applications Magazine.

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

Renewable Energy Resources, Distributed Generation & their Grid Integration  
Power Grid Operation, Power System Control & Power system Protection  
Power Electronic Emerging Technologies, Solid-state Switch, Solid-state Transformer  
Power Electronic Converters & Control Systems  
Electric Motors & Drives, Electric Vehicles and Charging Stations  
Smart Grid, Micro Grid & Mini Grid  
Energy Storage Technologies, Hydrogen Energy Storage & Battery Systems  
Power Semiconductors, Power Integrated Circuits, and Packaging Technologies  
FACTS, Custom Power & Power Quality  
Wide Band Gap Devices for Power Grids  
Power and Energy Engineering Education  
Modern Power Systems, Energy Policies & Standards  
Customer Energy & Energy Market  
Rural Electrification & Remote Power Supply  
Electrolyzers, Fuel Cells, Green Hydrogen Production and Utilization  
IoT, Sensors and Communications for Power Grids  
Hard-switching & soft-switching, Static Power Converters & UPS  
Electrical Machines, Actuators, Traction & Automotive Systems  
Robotics Systems & their Applications to Power Grids  
Applications of Smart Devices and Sensors in Home Appliances, Industry & Aerospace  
Power and Energy Education & Professional Development

Prospective authors are invited to submit a full paper up to 6 pages in IEEE standard two column conference format by 1 April 2023. Papers from industries and academia are welcome. The paper must clearly indicate: the purpose of the work; the manner and degree to which it advances the research; and specific new research findings and results and their significance.

Wollongong is a coastal city in Australia, south of Sydney along the Grand Pacific Drive with rich history and beautiful natural attractions. It is only 80 km away from Sydney Airport. It has beautiful beaches a dramatic backdrop of green and sandstone of the Illawarra Escarpment. Please see photos and videos about the place in the Conference website.

For more information about the conference, please check the conference website: <https://attend.ieee.org/etfg-2023/>

For any general query, please contact the Conference Organizer through [etfg-conf@uow.edu.au](mailto:etfg-conf@uow.edu.au)

For any specific query, please contact the General Chair through [kashem@uow.edu.au](mailto:kashem@uow.edu.au)

Best Regards,  
IEEE ETFG 2023 Organizing Committee

**PARTNERS**



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