

Request for Proposals for Electronic Power Grid (eGrid) 2025 Workshop

We welcome your bid to host the eGrid 2025 workshop. Please use this template for your submission.

Background Information for Potential eGrid Organizers

The electronic power grid (eGrid) workshop is co-sponsored by the IEEE Power Electronics Society (PELS) and the IEEE Power & Energy Society (PES)

Additional information available at the end of the RFP

- eGrid is a unique international forum to bring together power electronics and power system topics by creating a forum of industry experts in both areas to share and learn from each*
- eGrid features invitational presentations only in the form of panels, with poster sessions to host student contributions*
- eGrid is co-sponsored by a leading utility and academic institution at global locations in Oct/Nov time frame*

Background Information for Potential eGrid Organizers

– eGrid History

- *eGrid (eT&D) 2016 was held in Hefei, China (Hefei University of Technology)*
- *eGrid (eT&D) 2017 was held in Aalborg, Demark (Aalborg University)*
- *eGrid 2018 was held in Charleston, SC, USA (Duke Energy and Clemson University)*
- *eGrid 2019 was held in Xiamen (State Grid and Tsinghua University)*
- *eGrid 2020 was held virtually via RWTH Aachen University*
- *eGrid 2021 was held virtually*
- *eGrid 2022 is being held in Auckland, New Zealand*
- *eGrid 2023 was awarded to Germany*
- *eGrid 2024 was awarded to Turkey*

Electronic Power Grid (eGrid) 2025 Workshop

Your proposed dates of the Conference

**Place (incl. country) you propose to hold the
Conference**

**Names of the Leading Organizations
of the Conference Organizers**

Conference Organizers

- Please provide the following:
 - Names of key conference organizers, i.e. General Chair, TPC chair, Industry Chair and other committee chairs
 - Conference Organizing Committee
 - Qualification and experience of the conference organizers

Program of the Conference

Proposed programs, such as:

- Plenary session(s)
- Oral sessions
- Posters
- Tutorials
- Exhibits
- Technical visits
- Special events
- Etc.

Timelines of the Conference Organization

Key deadlines:

- Deadline for paper submissions
- Notification of acceptance
- Deadline for notification
- Suggested dates of conference
- Etc.

Budget Summary of the Conference

Revenue (USD)		Expenses (USD)	
Registration Fees		Promotion	
(Estimated attendance)		Conference Facilities	
Tutorial Fees (if any)		Conference Supplies	
Sponsorship		Meals and Banquet	
Partners' Contributions		Local Transportation	
Exhibits		Proceedings/Publications	
Social Programs		Speakers/Tutorials' Fees	
Others		Administration/Committee	
Loans from Sponsors		Repayment of Loans	
		Taxes/Audit Fees	
		Contingency Fund	
Total Revenue		Total Expenses	
Surplus (in \$USD)		Surplus (in % of Expenses)	

Venue of Conference

(use additional slides if needed)
(include a few photos if needed)

- Proposed conference site and facilities.
- Considerations in selecting the venue:
 - Transportation (international and domestic)
 - Conference facilities (Large and small)
 - Accommodations (room rate, room block, etc.)
 - Social and cultural activities
 - Industrial or research visits
 - Local industries
 - Etc.

Submission Information

Submit your intent to propose to Kathy.Heilman@ieee.org and b.boresen@ieee.org by January 15, 2023, with your full proposal to follow by March 15, 2023.

IEEE PELS/PES Joint Workshop on Electronic Grid (eGrid)

D. Tan, Ph.D., IEEE Fellow

Chair, Fellow Committee, IEEE Board of Directors, 2022-

Director, IEEE Board of Directors, 2017-2018

Editor-in-Chief (Founding), IEEE JESTPE, 2013-2018

President, IEEE Power Electronics Society, 2013-2014

October 17, 2022

(Last update Nov., 2019)



Organization of IEEE eGrid



- * IEEE on Electronic Grid (eGrid) is an industry-focused annual workshop that
 - * Is jointly sponsored by the IEEE Power Electronics Society (PELS) and the IEEE Power & Energy Society (PES) (50/50)
 - * Focus on solving the toughest problems facing the utility industry by bringing global top talents together
 - * Features invitation-only presentations, including Executive Sessions, Industry Panel Sessions and Technical E-Poster Sessions for student papers (which may evolve)
 - * Is held annually, rotating among major continents (Asia & Pacific, Americas, Europe & Africa)
 - * Encourages strong partnership with major utilities for each annual workshop

Technical Scope of eGrid



- * IEEE eT&D focuses on the following topics
 - * DC transmission and distribution;
 - * Flexible electronic transmission;
 - * Asynchronous generation and interconnect;
 - * Structured microgrids and standalone power subsystems;
 - * Electronic power transformers and switchgear;
 - * Grid integration of renewables;
 - * Intelligent converters and systems;
 - * Grid codes, polices and standards;
 - * Harmonics and power quality;
 - * Transients, electromagnetic and impedance compatibility;
 - * Power system stability, control, and volt/var/frequency regulation;
 - * Grid protection; fault management and isolation;
 - * Energy storage and system balance;
 - * Grid reliability, resiliency and security; and cyber-security

Steering Committee of eGrid



- * The eGrid Steering Committee oversees the strategy and strategic issues of the annual workshop organizing committees
- * Standing Members (2019 original appointment with PES updates)
 - * D. Tan, Co-Chair (E2 Systems)
 - * D. Novosel, Co-Chair (Quanta Tech)
 - * Frede Blaabjerg (Aalborg U)
 - * Iqbal Hossain (NC State U)
 - * Liuchen Chang (UNB)
 - * Jianhui Wang (SMU)
 - * Dushan Boroyevich (Virginia Tech)
 - * Charles Hanley (Sandia Lab)
 - * Zhengming Zhao (Tsinghua U)
 - * Nirmal Nir (U Auckland, NZ)
 - * Alan Mantooth (U Arkansas)
 - * Wayne Bishop (Quanta Tech)
- * Rotating Members, as of 2022
 - * Past, current and future annual workshop chairs in the current year
 - * Marco Lisserre, Co-Chair, 2021 (Virtual); Nirmal Nir, Chair, 2021, U of Auckland, NZ; and Giovanni De Carne, Karlsruhe, 2023

Annual Workshop Summary

Host	Chair	Location	Time	Participants
Hefei Institute of Technology	Liuchen Chang	Hefei, China	Jun, 2016	128 (TBC)
Aalborg University	Frede Blaabjerg	Aborg, Demark	Nov, 2017	140
Duke Energy/Clemson University	Johan Enslin	Charleston, SC, US	Nov, 2018	202
State Grid/Tsinghua U	Guanfu Tang/Zhengming Zhao	Xiamen, China	Nov, 2019	260
Aahchen U	Rik de Doncker	Aachen, Germany	Nov, 2020	114 (on line)
IEEE New Orleans Section (Original)	Marco/Jianghui/Don	Virtual	Nov, 2021	216 (on line)
University of Auckland	Nirmal Nir	Auckland, NZ	Nov 29 - Dec 2, 2022	TBD



TPE:

Technical Performance Excellence