

CALL FOR PARTICIPANTS



FUTURING THE POWER GRID

2023 IEEE PES GT&D International Conference & Exposition is an extension of the IEEE PES T&D, which is the largest conference and exposition on Power & Energy being held biannually in North America. **2023 IEEE PES GT&D** will be held in **Istanbul on May 22-25, 2023** and be the industry's most comprehensive and immersive event in the field of power and energy. This world-class event will also be a showcase for solutions, technologies, products, companies and global mindset.

CONFERENCE TOPICS

POWER GENERATION & RENEWABLES

- Energy, Environment & Decarbonization
- Developments in the Global Energy Transition
- Digitalization in energy development and power generation
- Operational & Economic Aspect of Power Generation
- Generation Planning, Electricity Policies, and Regulation
- Power Generation & Renewables
- Green Energy Conversion Systems
- Distributed Storage & Generation Systems
- Renewable Integration & Operation
- Residential Renewable Generation Control and Automation
- Development in Energy Storage Systems
- Power Plant Monitoring, Protection Control, and Automation
- Power Plant Management & Maintenance
- Reliable & Affordable Access to Energy Sources

OPERATION, AUTOMATION & MANAGEMENT

- Advancements in Power Transmission & Distribution
- HVDC & Flexible AC Transmission System
- Future Distribution Network Planning & Electrification
- Microgrids and Aggregators
- Microgrids Integration & Operation
- Impact of Climate Change on T&D
- T&D Monitoring, Protection, Automations, and Restoration
- Hybrid Distribution Networks and Power Electronics
- Ancillary Services and Resiliency in LV Distribution Networks
- Reducing Distribution Losses
- Power Quality Issues Associated with Microgrid

TRANSMISSION & DISTRIBUTION

- Electricity Market Design & Regularities
- Financing Power and Energy Investment
- Aging Infrastructure & Asset Management
- Advanced Monitoring, Diagnostic, and Control Techniques
- Integrated Monitoring & Protection
- Sensors & Communication Networking for the Future Grid
- Cyber and Physical Security
- Big Data Utilization & Analytics
- Operation of Full Automated Grids
- Computational Intelligence and Intelligent Electronic Devices
- Research and Workforce Development
 - **Smart Cities & E-Mobility**
 - Critical Infrastructures and Their Security
 - Decarbonization Strategies for Smart Cities
 - Data Security
 - Connected, Cooperative, and Automated Mobility
 - Sustainable Energy
 - Urban Mobility Solutions and Smart



Participating in **2023 IEEE PES GT&D** will be an opportunity for the professionals to help to shape energy and power solutions for the coming years. Power and energy professionals from the industry, utility and universities across the world are invited to submit **papers, super sessions, panels, and tutorials & plain talk** on their innovative ideas, research and developments, application experiences and expertise. **The conference and exposition** offers participants practical solution-oriented topics, including case studies and the know-how.

PAPER SUBMISSIONS

Full papers must be submitted through the online submission and review website. A link to the submission page will be available on the homepage of the **2023 IEEE PES GT&D**. All papers must be submitted by November 28, 2022. The contributions are limited to a maximum of five (5) pages. Papers must be prepared according to the PES Authors Kit, which is at: <https://www.ieee-pes.org/meetings-and-conferences/calls-for-papers/pes-authors-kit>.

Guidelines for Power Point slides can be found at: <https://www.ieee-pes.org/guidelines-for-preparing-visuals-for-pes-presentations>.

An author of an accepted PES transaction paper who is interested in presenting it at the **2023 IEEE PES GT&D** may only upload the summary of their paper to the onlinesubmission and review page within the time limits specified above. The author will be informed of the decision only the abstract will be included in the Conference Proceedings. All papers presented in **2023 IEEE PES GT&D** will be indexed in all the major A&I databases including Elsevier's **SCOPUS** and Clarivate's **Web of Science**, and appear on **IEEE Xplore**.

SUPER SESSION / PANEL SUBMISSIONS

To submit supersession and panel proposals, the application form at the conference website must be completed and submitted to the co-chairs of the technical program via provided links. Further questions can be sent to ieee-gtd@ieee.org or usta@ieee.org. All panel proposals must be submitted by November 28, 2022.

All submitted panel/supersession proposals are reviewed by the responsible PES technical committee. Panel moderators will be informed of the acceptance or rejection of their proposals through email by January 9, 2023. Panel participants cannot share the same affiliation. **Super Sessions** will be held on topics that are currently of particular interest in the power and energy industry. Panel and super session suggestions from electric utilities & industries without any commercialization are expressly welcome.

TUTORIAL / PLAIN TALK SUBMISSIONS

To submit tutorial/plain talk proposals, please visit the conference web page at <https://ieee-gtd.org/>, fill out the proposal form and submit it via the provided link. All tutorial suggestions must be submitted until November 28, 2022. Applicants will be informed of acceptance or rejection through email by January 9, 2023.

The suggested length of the tutorials/plain talks must be half a day (max 4 hours). The tutorial organizer should first have the tutorial technically approved by the relevant PES Technical Committee or technical organization. The presenter(s) should agree to use the PES templates at: <https://www.ieee-pes.org/guidelines-for-preparing-visuals-for-pes-presentations>. Presenter information and company logo may only be on the first and last slides. The presenter must also allow the distribution of the PDF version of the slides printed 2 per page to the registrants and provide a signed copy of the Profit Sharing.



IMPORTANT DATES

Paper Submission Starts	May 30, 2022
Paper Submission Ends	November 28, 2022
Paper Notification of Acceptance	February 19, 2023
Camera-ready Submissions	March 12, 2023
Panel/Tutorial/Plain Talk Submission Starts	May 30, 2022
Panel/Tutorial/Plain Talk Submission Ends	November 28, 2022
Panel/Tutorial/Plain Talk Notification of Acceptance	January 9, 2023
Early-bird Registration Starts	January 9, 2023
Early-bird Registration Ends	April 21, 2023
Presenter Registration Ends	April 21, 2023

CONFERENCE REGISTRATION

According to the IEEE policy, all presenters must register for the conference. The papers will not be released for publication in the Conference Proceedings or scheduled for presentation unless the registration fee is paid. In addition, articles that are not presented will not be included in the IEEE Xplore Digital Library.

Web Page: <https://ieee-gtd.org>

e-mail: ieee-gtd@ieee.org

