IEEE PES GT&D CONFERENCE & EXPOSITION

IEEE PES GT&D 2021
INTERNATIONAL CONFERENCE & EXPOSITION, ISTANBUL
CONFERENCE: SEPTEMBER 14-17 | EXPOSITION: SEPTEMBER 15-17

IEEE PES Power & Energy Society®

CALL FOR PARTICIPANTS

SUBMISSIONS OPEN *OCT 02, 2020* ‖ SUBMISSIONS DUE *MAR 05, 2021* ‖ NOTIFICATIONS *MAY 28, 2021*

ieee-gtd.org

2021 FUTURING THE POWER GRID

2021 IEEE PES GT&D International Conference & Exposition is an extension of the 42nd year for the IEEE PES T&D Conference and Exposition, which is the largest conference and exposition on Power & Energy being held biannually in North America, and will be held in Istanbul on September 14-17, 2021. It will be the industry's most comprehensive and immersive event in the field of power and energy. This world-class event will also showcase solutions, technologies, products, companies and mindsets that will inspire and guide the future of power systems.

Participating in 2021 IEEE PES GT&D Istanbul will be an opportunity, which will 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 on their innovative ideas, research and developments, application experiences and expertise.

While focusing on the technical challenges of the future grid which need to be solved with the technological developments in the field of power and energy, the conference offers participants practical, solution-oriented topics, including case studies and the know-how. Super Sessions will be held on topics that are currently of particular interest in the industry, while the rest of the technical program will include sessions on CONFERENCE TOPICS in the following key areas:

POWER GENERATION & RENEWABLES

- Energy, Environment & De-Carbonization
- Operational & Economic Aspect of Power Generation
- Generation Planning, Electricity Policies and Regulation
- Power Generation & Renewables
- Green Energy Conversion Systems
- Distributed Storage & Generation (DSG) Units, and their Integration & Operation
- Residential Renewable Generation
- Development in Energy Storage Systems
- Power Plant Monitoring, Protection Control and Automation
- Future of Nuclear Power Generation
- Power Plant Management & Maintenance

GRID OPERATION, AUTOMATION & MANAGEMENT

- 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 & Smart Villages
- Power and Energy Education

TRANSMISSION & DISTRIBUTION

- 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 to 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

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PAPER SUBMISSIONS

Full papers must be submitted through the online submission and review website. A link to the submission page will be available after October 02, 2020 on the homepage of the 2021 IEEE PES GT&D Istanbul Conference and Exposition. All papers must be submitted by March 05, 2021 with a strict deadline. The authors will be informed of the acceptance or rejection of their papers through email by May 28, 2021. If a revision is necessary, the authors will be notified before this date. The contributions are limited to a maximum of five (5) pages. Accompanying documents can however be submitted. Papers must be prepared according to the PES Authors Kit, which is available at: https://www.ieee-pes.org/meetings-and-conferences/calls-for-papers/pes-authors-kit.

The authors will be notified if their papers have been selected for a presentation at the forum or poster sessions. Presenters and session chairs coordinate the duration and sequence of each presentation. Guidelines for PowerPoint slides can be found at: https://www.ieee-pes.org/guide-lines-for-preparing-visuals-for-pes-presentations.

Application-Based Papers: Papers primarily written by industry members are encouraged. They must focus on non-commercial applications of new solutions and/or technologies to solve existing or emerging problems in power systems.

An author of an accepted PES transaction paper who is interested in presenting it at the 2021 IEEE PES GT&D Conference and Exposition may only upload the summary of their paper to the online submission and review page within the time limits specified above. The appropriate Technical Committee Program Chair (TCPC) determines whether the topic of the paper is suitable for the presentation in one of the technical meetings. The author will be informed of the decision by email and only the abstract will be included in the Conference Proceedings.

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. Note: The registration deadline for authors might be before the general registration deadline.

PANEL SUBMISSIONS

To submit panel proposals, the application form at the conference website https://ieee-gtd.org/ must be completed and submitted to the co-chairs of the technical program via provided links. Further questions can be sent to ieee-gtd-2021@ieee.org. All panel proposals must be submitted by March 05, 2021. After this date, no more panel proposals will be accepted. All submitted panel 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 April 26, 2021. If revisions are required, the panel moderators will be notified before this date. Panel participants cannot share the same affiliation.

Let's meet where the continents meet

The following information must be included in the submissions:

- Panel title
- Panel duration (2 hours)
- Panel moderator name, affiliation, phone, and email address
- Panel abstract (maximum of 150 words)
- Relevant PES technical committee (see https://www.ieee-pes.org/technical-activities/committees)
- Panelists names, affiliations, phones, and email addresses (minimum of 3)
- Panel Sponsor

Panel 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 March 05, 2021. Applicants will be informed of acceptance or rejection through email by April 26, 2021.

The suggested length of the tutorials/plain talks must be half a day (4 hours). The tutorial organizer should first have the tutorial technically approved by the relevant PES Technical Committee or technical organization. The following information must be included in the submissions:

- Title of tutorial
- Abstract/description (approximately 150 words)
- Target audience
- Prerequisites
- Learning objectives
- Instructor names and biographies (approximately 125 words)
- E-mail addresses of organizer and all instructors

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 Agreement and W-8/W-9.

IMPORTANT DATES

- Paper Submission Starts: October 02, 2020
- Paper Submission Ends: March 05, 2021
- Paper Notification of Acceptance: May 28, 2021
- Camera-ready Submissions: March 12, 2021

- Panel/Tutorial/Plain Talk Submission Starts: October 02, 2020
- Panel/Tutorial/Plain Talk Submission Ends: March 05, 2021
- Panel/Tutorial/Plain Talk Notification of Acceptance: April 26, 2021

- Early-bird Registration Starts: May 03, 2021
- Early-bird Registration Ends: July 18, 2021
- Presenter Registration Ends: July 31, 2021