



It is our great pleasure to invite you to join our International Conference on Smart Energy Grid Engineering (SEGE), which is sponsored by Toronto Section NPS Chapter and hosted by Ontario Tech University. This event will provide unique opportunity to have fruitful discussions about smart energy grid infrastructures, technologies, engineering design methods, and best practices that address industrial challenges. The event includes large number of speakers and quality papers that cover energy generation, transmission and distribution infrastructures, energy storage, electrification, information and communications, and security. 2024 IEEE the 12th International Conference on Smart Energy Grid Engineering (SEGE 2024) will be held during August 18-20 in 2024. We look forward to welcoming you at Ontario Tech University, Oshawa, Canada.

Founder and General Chair of IEEE SEGE



Dr. Hossam Gabbar
Ontario Tech University
Oshawa, Ontario, Canada

Publication Support

Accepted papers will be published into IEEE SEGE 2024 Conference proceedings by IEEE, which will be included into IEEE Xplore and submitted to EI Compendex, Scopus and other major databases for abstracting and indexing (A&I).

All accepted papers of SEGE 2023 were available in IEEE Xplore database and indexed by EI Compendex and Scopus!

IEEE SEGE 2023 Conference Proceedings available in IEEE Xplore
IEEE SEGE 2022 Conference Proceedings available in IEEE Xplore
IEEE SEGE 2021 Conference Proceedings available in IEEE Xplore
IEEE SEGE 2020 Conference Proceedings available in IEEE Xplore
IEEE SEGE 2019 Conference Proceedings available in IEEE Xplore
IEEE SEGE 2018 Conference Proceedings available in IEEE Xplore

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Call for Papers

- Resilient / adaptive grid infrastructures design, planning, operation and management
- Thermal networks, storage, import / export, control, optimization, and applications
- Hydrogen and natural gas networks, production and supply chain, integration
- Gas-power generation systems design and applications
- Power Electronic converters and drives
- Energy storage technologies and systems
- Demand monitoring and energy Efficient Systems
- FACTS, active power filters, power quality monitoring and performance enhancement
- Sensors, communications and network
- Grid modeling, simulation, and data management
- Energy efficiency, conservation, and savings
- Plug-in Hybrid Electric Vehicle (PHEV) systems, CNG Vehicles, clean Energy
- Grid protection, reliability, energy / power quality and maintenance
- Smart metering, measurement, instrumentation, and control
- Information, security and privacy
- Renewable energy, wind, solar, fuel cells and distributed generation within microgrids
- Computational intelligence and optimization
- Smart homes, cities, communities
- Life cycle assessment, pricing, policies, and energy planning
- Effects of climate change on health and the society
- Smart energy grid education

Important Dates

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|-----------------------|--------------------|
| Submission Deadline | May 15, 2024 |
| Notification Date | June 10, 2024 |
| Registration Deadline | June 25, 2024 |
| Camera-Ready Due | June 25, 2024 |
| Conference Date | 18-20 August, 2024 |

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