

AUGUST 13-15, 2023

**SEGE 2023**ONTARIO TECH UNIVERSITY,  
OSHAWA, CANADA**Dr. Hossam Gabbar**Founder and General Chair of IEEE SEGE  
Ontario Tech University  
Oshawa, Ontario, Canada<http://www.ieee-sege.com/>**WELCOME MESSAGE**

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. 2023 IEEE the 11th International Conference on Smart Energy Grid Engineering (SEGE) will be held during August 13-15 in 2023. We look forward to welcoming you at Ontario Tech University, Oshawa, Canada.

**CONFERENCE COMMITTEE****General Chair**

- Dr. Hossam A. Gabbar, Ontario Tech University, Canada
- Technical Program Co-chairs
- Dr. Ehab El-Saadany, U of Waterloo, Canada
- Dr. Prasanta Ghosh, Syracuse Univ., USA
- Dr. Mohammed Safiuddin, University at Buffalo, USA

**Local Organization Co-chairs**

- Dr. Martin Agelin-Chaab, Ontario Tech University, Canada
- Dr. Yasser Elsayed, Ontario Tech University, Canada
- Dr. Emmanuel Galiwango, Ontario Tech University, Canada
- Dr. Namdar Saniei, Ontario Tech University, Canada

**Women in Engineering Chair**

- Dr. Ruth Milman, Ontario Tech University, Canada

**Treasurer**

- Dr. Manir U. Isham, Loyalist College, Canada

**Award Chair**

- Dr. Filippo Genco, Ontario Tech University, Canada

**IMPORTANT DATES**

Submission Deadline	March 15, 2023
Notification Date	April 15, 2023
Early Bird Registration	Before May 5, 2023
Conference Date	13-15 August, 2023

**SUBMISSION GUIDELINE**

Submitted manuscripts should be written in English conforming to the required template. All paper submissions must represent original and unpublished work. Papers must be submitted electronically in PDF format via the link provided below: [Electronic Submission System](#) (.pdf only)

Each paper should be more than 4 pages normally, including all figures, tables, and references. Each registration covers 5 pages; extra page will be charged at 50 USD per page.

At the authors' choice, those works not suitable for publication can send us the abstract only, and give an oral presentation at the conference as well. The abstract will not be published.

[Abstract Template](#) | [Full Paper Template](#)

**CALL FOR PAPERS****Topics of interest include but not limited to the following:**

- 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
- Smart energy grid education.

**PUBLICATION SUPPORT**

Accepted papers will be published into SEGE 2023 Conference proceedings, which will be submitted to EI Compendex, Scopus and other major databases for abstracting and indexing (A&I).

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](#).

IEEE SEGE 2017 Conference Proceedings available in [IEEE Xplore](#).

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