

2025 IEEE the 13th International Conference on Smart Energy Grid Engineering

2025 IEEE the 13th International Conference on Smart Energy Grid Engineering (SEGE 2025) will be held during August 18- 20, 2025 at Ontario Tech University, Oshawa, Canada. This premier conference will feature a distinguished lineup of speakers and high-quality research papers, addressing topics including energy generation, grid transmission and distribution infrastructures, energy storage systems, electrification strategies, ICT integration, and energy system cybersecurity. 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.

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 2025 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).

IEEE SEGE 2024 Conference Proceedings available in IEEE Xplore.
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.
IEEE SEGE 2017 Conference Proceedings available in IEEE Xplore.

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

Contact Us

Conference Secretary
Haylie Chow

Address: 2000 Simcoe Street N. Oshawa, ON, L1H 7K4
Phone: +905 7218668 ext. 5497
Email: ieee_sege@163.com

August 18- 20, 2025

Ontario Tech University, Oshawa, Canada

Conference Committees

General Chair

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

Technical Program Co-chairs

Dr. Ehab El-Saadany, University of Waterloo, Canada
Dr. Prasanta Ghosh, Syracuse University, USA

Local Organization Co-chairs

Dr. Martin Agelin-Chaab, Ontario Tech University, Canada
Dr. Mustafa Mansour, Ontario Tech University
Dr. Roman Stetsiuk, Ontario Tech University
Dr. Manir Isham, Ontario Tech University

Women in Engineering Chair

Dr. Ruth Milman, Ontario Tech University, Canada

Treasurer

Dr. Tomasz Pilch, Cracow University of Technology, Poland

Publication Chair

Dr. Siti Aishah, Science Centre Singapore, Singapore

Award Chair

Dr. Filippo Genco, Ontario Tech University, Canada

Submission Method

Full Paper (Presentation & Publication)

Abstract (Presentation only)

Electronic Submission System (.pdf only):

<https://easychair.org/conferences/?conf=sege2025>

Conference Proceedings Template:

<https://www.ieee-sege.com/template.docx>

More info., please visit:

<https://www.ieee-sege.com/submission.html>

Important Dates

Submission Deadline	June 20, 2025
Notification Date	July 10, 2025
Registration Deadline	July 20, 2025
Camera-Ready	July 20, 2025