

August 12-14, 2020
Ontario Tech University, Oshawa, Canada

2020 8th International Conference on SMART ENERGY GRID ENGINEERING

Organized by



Sponsored by



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Submission

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 All paper submissions must represent original and unpublished work.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 The abstract will not be published.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](#)

Publication

 **IEEE** SEGE 2020 Conference proceedings will be submitted for inclusion into IEEE Xplore as well as other abstracting and indexing (A&I) databases.

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](#).



Welcome Message from General Chair

Dr. Hossam Gabbar
Founder and General Chair of IEEE SEGE
Ontario Tech University
Oshawa, Ontario, Canada

It is our great pleasure to invite you to join our international conference on Smart Energy Grid Engineering (SEGE), which is sponsored by IEEE. 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. 2020 the 8th international conference on Smart Energy Grid Engineering will be held during August 12-14 in 2020. We look forward to welcoming you at Ontario Tech University, Oshawa, Canada.

Important Dates

Submission Deadline	March 15, 2020
Notification Date	April 10, 2020
Early bird registration	Before April 30, 2020
Registration Deadline	April 30, 2020
Camera-Ready Due	April 30, 2020
Conference Date	12-14 August, 2020

Topics

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

Contact Info



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