

2022 10th International Conference on Smart Energy Grid Engineering

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Dr. Hossam Gabbar
Oshawa, Ontario, Canada

Founder and General Chair of IEEE SEGE
Ontario Tech University

August 10-12, 2022
Ontario Tech University,
Oshawa, Canada

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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 All paper submissions must represent original and unpublished work.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 EasyChair

<http://www.easychair.org/conferences/?conf=sege2022>

Publication

Accepted papers will be published into SEGE 2022 Conference proceedings, which will be submitted to major databases for abstracting and indexing (A&I).

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](#).

Important Dates

Submission Deadline	March 15, 2022
Notification Date	April 15, 2022
Early bird registration	Before April 30, 2022
Registration Deadline	April 30, 2022
Camera-Ready Due	April 30, 2022
Conference Date	August 10-12, 2022

Welcome Message

It is our great pleasure to invite you to join our International Conference on Smart Energy Grid Engineering (SEGE), which is organized by Ontario Tech University and 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. 2022 10th International Conference on Smart Energy Grid Engineering will be held during August 10-12 in 2022. We look forward to welcoming you at Ontario Tech University, Oshawa, Canada.

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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