

IEEE CCECE 2027 Call for Tutorial Proposals

IEEE CCECE 2027 invites proposals for **half-day** and **full-day** tutorials on emerging topics within the broad scope of electrical and computer engineering, including communications, power systems, computing, artificial intelligence, robotics, and related technologies.

Tutorials should provide attendees with a comprehensive introduction to state-of-the-art research, emerging technologies, practical applications, and future directions in areas relevant to the CCECE community. Proposals that address interdisciplinary topics, emerging research areas, and industry-relevant challenges are particularly encouraged.

Important Dates

- Tutorial Proposal Submission Deadline: January 25, 2027
- Notification of Acceptance: February 7, 2027
- Conference Dates: May 24–27, 2027
- Location: Toronto, Ontario, Canada

Proposal Requirements

The proposal should be concise and clearly describe the content, objectives, and significance of the tutorial. Each proposal must include:

1. Title and Abstract

- Tutorial title.
- A brief abstract (approximately 200–300 words).

2. Objectives, Motivation, and Intended Audience

- Learning objectives and expected outcomes.
- Motivation and relevance to the CCECE 2027 community.
- Target audience and assumed background knowledge.

3. Tutorial Content and Scope

- Detailed description of the topics to be covered.
- Discussion of the timeliness, novelty, and significance of the topic.

- Expected benefits for researchers, practitioners, and students.

4. Tutorial Outline

- Detailed agenda and schedule.
- Breakdown of tutorial sections and allocated time (specifying half-day or full-day).
- Identification of the presenter(s) for each section.

5. Presenter Information

- Names, affiliations, and contact information of all presenters.
- Short biographies highlighting expertise and accomplishments related to the tutorial topic.

6. Experience and Qualifications

- Description of the presenters' research, industrial, or professional experience relevant to the tutorial topic.
- Evidence of expertise, including key publications, projects, patents, standards contributions, or other relevant achievements.

7. Previous Tutorial Experience

- Summary of prior tutorial presentations by the speakers.
- Information on previous offerings of the proposed tutorial, if applicable, including venue, date, and attendance.

Suggested Topics

Tutorial proposals are encouraged in all areas relevant to CCECE 2027, including but not limited to:

- Artificial Intelligence, Machine Learning, and Data Analytics
- Communications, Networking, and 5G/6G Technologies
- Power Electronics, Energy Systems, and Sustainable Energy
- Control, Robotics, and Autonomous Systems
- Circuits, Devices, and Photonics

- Computer and Software Engineering
- Cybersecurity and Network Privacy
- Bioengineering and Biomedical Applications
- Smart Cities, IoT, and Intelligent Transportation Systems
- Quantum Computing and Communications

Proposals Submission

We look forward to receiving high-quality tutorial proposals that will enrich the technical program of CCECE 2027 and provide valuable learning opportunities for conference participants.

All submissions must be made through Sparcly:

<https://conferences.sparcly.ai/CCECE2027>

The proposals will be reviewed by the CCECE 2027 Tutorial Co-Chairs:

- Rongxing Lu, Queen's University, Canada (rongxing.lu@queensu.ca)
- Hicham Chaoui, Carleton University, Canada (HichamChaoui@cunet.carleton.ca)
- Naimul Khan, TMU, Canada (n77khan@torontomu.ca)