

ICDCM 2025

The 7th IEEE International
Conference on DC Microgrids

June 4 - 6, 2025 – Tallinn, Estonia



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CALL FOR PAPERS



IEEE POWER
ELECTRONICS SOCIETY

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ICDCM is a flagship conference of the **IEEE Power Electronics Society (PELS)** devoted to the dissemination of new ideas, research, and work in progress within the rapidly growing fields of **DC microgrids**. It will bring together researchers, engineers, and students from academia, government, and industry to have an interactive discussion on the latest advances in DC Grid Technologies and Applications. This conference is organized by **PELS TC1: Control and Modeling of Power Electronics**. The objectives of the conference are to provide high-quality research and professional interactions between industry and academia for the advancement of science, technology, and fellowship. The **main features** of the conference include Keynote Speeches, Tutorials, Regular and Special Sessions.

TOPICS (include but not limited to)

DC Grid Core Technologies

- Medium voltage power distribution
- Circuit breakers and protection
- Power converters
- Modeling
- Control and stability
- Reliability
- Safety
- Medium voltage engineering

DC Grid Core Applications

- Transportation electrification
- Renewable energy systems
- Energy storage and integration
- Micro-grids and nano-grids
- Telecommunication and data center
- Smart homes and buildings
- Other industrial applications

SPECIAL SESSIONS

The conference will include special sessions on **topics of focused interest** in particular areas, reporting technical trends and breakthroughs within the conference scope. They are organized at the initiative of 1-4 individuals, who must adhere to the procedure published on the conference website.

PAPER SUBMISSION

Prospective authors are invited to submit **2-page digests** in English, following instructions on the website. The conference proceedings will be submitted to IEEE Xplore Digital Library®. **Special Compendium** of the Open Journal of Power Electronics (OJPEL) will be open for full journal articles based on selected contributions accepted at the ICDCM 2025.

VENUE

The conference will be held at the Original Sokos Hotel Viru.



IMPORTANT DATES

Tutorial proposal submission deadline 22 Dec. 2024

Digest submission deadline 22 Dec. 2024

Spec. session's digest submission deadline 15 Jan. 2025

Notification of digest/tutorial acceptance 15 Feb. 2025

Final paper/tutorial materials submission 15 Apr. 2025

Early bird fee deadline 20 Apr. 2025

<http://icdcm2025.com/> – icdcm2025@taltech.ee

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