



The 2nd Call for Paper

The 3rd IEEE International Conference on DC Microgrids (ICDCM)

May 20-23, 2019, Kunibiki-messae, Matsue, Japan

The International Conference on DC Microgrids (ICDCM) aims to bring together professionals from industry and researchers in the field of DC microgrids and related technologies to advance understanding and capability for endpoint use of DC systems and technologies. The 3rd ICDCM will take place in a historical and beautiful city, Matsue, Japan, May 20-23, 2019 subsequent to the successful 2nd conference held in Nürnberg, Germany, 2017.

Technical sessions will be arranged around focus areas – the use of DC systems with low voltages (up to 1500 VDC) in kW power scale e.g. in residential and commercial applications and MW power scale in industrial applications as a part of private or public installations with up to several thousand Volts. The conference will include oral presentations, poster sessions, plenary sessions, educational tutorials, vendor shows, excursions, and social programs.

Important dates

- Deadline for digests: November 9th, 2018
- Notification of acceptance/rejection: December 7th, 2018
- Deadline for accepted full papers: February 28th, 2019

Scope of topics

Papers are solicited especially on the following topics (*but not limited*):

- DC Microgrids for transportation electrification
- Powering residential, commercial, and industrial spaces
- DC distribution grids and DC flexible links
- Integration of distributed energy resources and storage systems
- Standards and policies
- DC protection and safety
- Reliability and resiliency
- DC-powered PHEV/EV interconnections of EV with DC Microgrids
- Stability, performance analysis and optimization
- Power control and routing
- Energy exchange and ancillary services
- DC-powered equipment and appliances
- Components and devices for DC systems
- Active and passive smart solar houses using DC
- ICT, Real-time monitoring and control
- Total Cost of Ownership (TCO) and, life-cycle economics comparison of AC and DC power systems
- Others

Committee members

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Contact

Additional information is available at:

<https://power.aitech.ac.jp/ICDCM2019/>

Further questions or requests can be mail to:

icdcm2019@aitch.ac.jp