



International Colloquium in Sendai, Japan

Call for Papers

Recent Overhead Transmission Line Technology and Environmental Measures

CIGRE International Colloquium

Sendai, Miyagi, Japan, 3-7 October 2023

Colloquium Theme

Sendai Colloquium is organized under the general theme of “Recent Overhead Transmission Line Technologies and Environmental Measures” and is based on the preferential subjects of “Sustainable OHL (Overhead Lines), Environment and Planning”, “Reliability of OHL, Advanced Construction and Maintenance”, “Resilience of OHL, Recent Technologies for Disaster Recovery”, from SCB2 (Overhead Lines), SCC3 (Power System Environmental Performance), SCC4 (Power System Technical Performance). Over the three days, many papers will be presented in two tutorials and seven sessions. Social programs including receptions, technical tours, and companion tours are also planned to contribute to international exchange.

Although the end of the COVID-19 is not in sight at this writing, we will proceed with preparations based on holding the conference on-site, and through the CIGRE 2023 Sendai Colloquium, we hope to develop opportunities to deepen information exchange and academic exchange with everyone concerned and to contribute to the development of power technology around the world.

Venue

Sendai is a city in Japan located in the central part of Miyagi Prefecture, approximately 300 km north-northeast of Tokyo. With a population of about 1.09

million, it is the largest city in the Tohoku region of Japan in terms of population and economic scale. The venue of the Colloquium is Sendai International Center which is located about 5 minutes by subway from Sendai Station and 90 minutes by Tohoku Shinkansen bullet train from Tokyo.



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Program

3 rd October 2023 (Tuesday)	Tutorials Welcome Party
4 th October 2023 (Wednesday)	Colloquium Gala Dinner
5 th October 2023 (Thursday)	Colloquium
6 th - 7 th October 2023 (Friday - Saturday)	Technical Tour (2 day)

- ✓ Young member sessions and Companion tours are also being planned.
- ✓ Detailed information for Working Group meetings and Technical tour is available at <https://www.cigre2023sendai.jp/>

Preferential Subjects

PS1: Sustainable OHL (Overhead Lines), Environment and Planning (joint PS with C3)

[Examples of keywords]

- ✓ DLR (Dynamic Line Rating), upgrading/uprating, minimizing deforestation, DC transmission, environmental assessment, carbon neutrality, social acceptance, EMF (ElectroMagnetic Field), biodiversity, SDGs (Sustainable Development Goals), eco-designs, risk communication, asset management, renewable energy

PS2: Reliability of OHL, Advanced Construction and Maintenance (joint PS with C4)

[Examples of keywords]

- ✓ monitoring, life extension measures, drones, robotics, digitalization (AI, IoT, utilization of data, etc.), maintenance management (corridor management), lightning overvoltage, insulation coordination, power quality, EMC (ElectroMagnetic Compatibility), systematic analysis

PS3: Resilience of OHL, Recent Technologies for Disaster Recovery

[Examples of keywords]

- ✓ new recovery techniques, response to natural disasters (typhoons, localized heavy rains, earthquakes, ice and snow, tsunamis, fires, etc.), resiliency, risk assessment

Registration

Registration for the Sendai Colloquium will be available from April 2023. Hotel Metropolitan Sendai or Hotel Metropolitan Sendai East is recommended as the official hotel, which can be reserved when you register. Relevant information will be available at <https://www.cigre2023sendai.jp/>

Committees

Sendai Colloquium is made up of the following Study Committees:

- ✓ B2 – Overhead Lines (lead SC)
Chair: Pierre Van Dyke
- ✓ C3 – System Environmental Performance
Chair: Mercedes Vázquez
- ✓ C4 – System technical performance
Chair: Marta Val Escudero

CIGRE 2023 Sendai Colloquium Organizing Committee is chaired by Yuko Kuranari, the Japanese regular member of SC B2.

Submission of synopses

Participants wishing to present and publish papers should submit synopses (about 500 words) by following instructions on <https://www.cigre2023sendai.jp/>, where the synopses and paper templates are also available. All synopses, papers and presentations must be in English.

The colloquium is being prepared for face-to-face meetings. Please note that author(s) will have to register later and come to Sendai to present. However, there is a possibility that the colloquium may be held “in person and online” or “online only”, depending on the circumstances. Details on how to present in such case will be announced separately.

Deadline

Authors should note the following deadlines:

Synopsis submission	25 th Nov. 2022
Notification of acceptance	13 th Jan. 2023
Full paper submission	26 th May 2023
Notification of final acceptance	21 st July 2023