

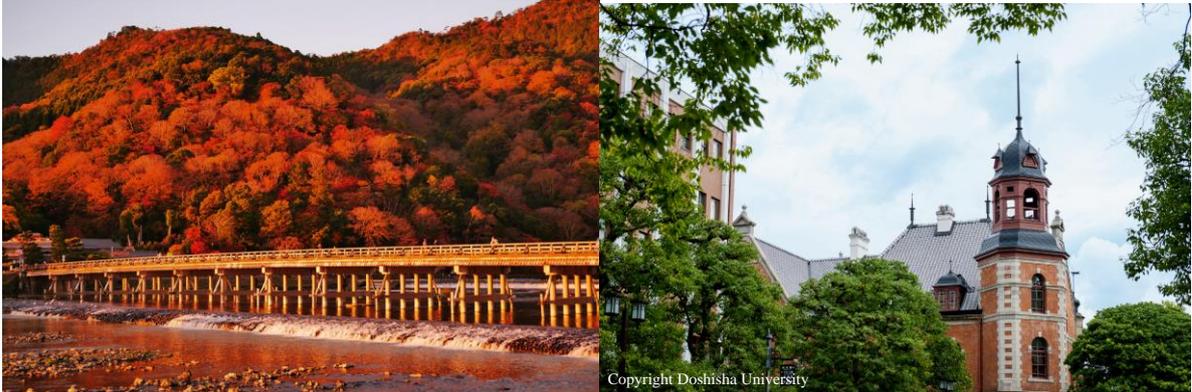


cigre

CIGRE SC A1 Meeting, Colloquium & Tutorials

Rotating Electrical Machines for Power Generation

"Reliable Source of Electrical Power, Has Been and Always Will Be "



SC A1 Meeting: Sep 10 – 16, 2023
Colloquium & Tutorials: Sep 12 – 16, 2023

Doshisha University, Kyoto, Japan

<https://www.doshisha.ac.jp/en/information/campus/imadegawa/imadegawa.html>

Final Call for Papers and Preliminary Program

Hosted by:

Japanese National Panel of SC A1

Supported by Japanese National Committee of CIGRE

Organized by: SC A1 Rotating Electrical Machines

Background and Invitation

The CIGRE Study Committee SC-A1 – “Rotating Electrical Machines” and the Japanese National Committee of CIGRE invite you to participate in the face-to-face CIGRE SC-A1 Colloquium on “Rotating Electrical Machines for Power Generation”, which will take place from September 12th to 16th 2023 in Kyoto, Japan.

The colloquium will be held in conjunction with the meeting of the CIGRE SC-A1 Study Committee Annual Meeting and the SC-A1 Working Group Meetings (September 10th to September 16th, 2023).

The invitation to the colloquium is addressed to all SC-A1 members and SC-A1 experts, and to utilities, manufacturers, consultants, universities, and R&D organizations in the field of Rotating Electrical Machines.

"Reliable Source of Electrical Power, Has Been and Always Will Be "

As the energy transition from fossil-based fuels to renewable/sustainable energy sources gathers momentum, alternative power sources such as photovoltaics, wind turbines, large batteries, electric vehicles are being increasingly applied for large scale electricity generation and storage. However, in the optimization of the mix of these power sources, conventional thermal or hydro generators are still playing an important role for the continuity and stability of power systems.

In this meeting, authors are invited to present papers on experience, research, analyses, and operations with respect to development, integration issues and solutions of interconnections and dispersed renewable energies from the perspective of rotating electrical machines.

Technical visits are also being organized.

On behalf of the Organizing Committee, it is our pleasure to invite authors and delegates from the power generation industry, who are interested to learn and share current industry experiences and developments, to join the SC-A1 Colloquium & Tutorials 2023 in Kyoto, Japan.

Mr. Osamu Nagura

Chairperson, the Japanese National Panel of SC-A1

Chairperson, the Organizing Committee

Preferential Subjects

The Colloquium will cover the following topics and sub-topics:

PS 1: CHANGING ROLE OF ELECTRICAL MACHINES IN POWER GENERATION

- Impact and effect of increasing renewable power mix on new and existing generators, generator auxiliaries and motors
- Variable speed/pump storage and synchronous compensator design and performance for supporting power generation networks
- Increasing focus on alternative power generation sources (wind, tidal, solar, small thermal/nuclear, geothermal, small hydro).

PS 2: OPTIMISATION OF INSTALLED ASSETS

- Adaptation of maintenance regimes due to new operating regimes
- Experience with refurbishment, replacement, conversions, power up-rating and efficiency improvement of generators
- Developments in condition monitoring, diagnosis, prognosis to improve reliability and extend operational life of conventional plant, including data handling and digital modelling

PS 3: NEW DEVELOPMENTS AND OPERATIONAL EXPERIENCE

- Evolution and trends in designs of rotating machines, materials, manufacture, maintenance, and performance improvements
- Operational experience: Failures, root cause analysis, recovery options, cost and time reduction initiatives
- Developments in the use of variable or high speed motors in power generation

Submission of Colloquium Papers and Presentations

Abstracts:

Authors, planning to give a presentation at the colloquium, are invited to submit an abstract with minimum of 500 words (maximum 2 pages) in the English language, until April 19th, 2023. No abstracts will be accepted after this date unless prior agreement with the committee.

The abstract has to highlight the aim, content, and intended results of the contribution. It has to include the title, the name of the author(s) and the contact details of the main author (mailing address, Email address, company affiliation, phone number).

A template is available and distributed with this Call for Papers.

Please submit the Abstract of your proposed paper by April 19, 2023, via email to:

kyoto2023@cigre.jp

Colloquium presentations, papers:

For the presentation at the colloquium a PowerPoint presentation is obligatory.

The submission of a written paper is not mandatory, but to increase the value of the contributions, SC-A1 appreciates and encourages all authors to submit their contribution also in paper form.

All submitted papers or presentations will be available to all participants during the colloquium.

Poster session:

A poster session will be held before the colloquium during which authors can show and discuss their work with experts and colleagues.

Full instructions for the preparation of the abstracts, papers, presentations & posters with appropriate templates will be made available.

Preliminary Program

	Sunday 10 th	Monday 11 th	Tuesday 12 th	Wednesday 13 th	Thursday 14 th	Friday 15 th	Saturday 16 th
	Registration	Registration	Registration	Registration	Registration	Technical Visit (1)	Technical Visit (2)
AM	SC/Colloquium Organization Meetings	Study Committee Advisory Group Meetings	Poster Session	Keynote Speech Colloquium	Colloquium	Kyoto - Himeji Himeji No. 2 Thermal Power Station	Historic Okazaki-Keage Area & Lake Biwa Canal Museum.
		Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
PM	Individual WG Meeting	Study Committee Advisory Group Meetings	Study Committee Advisory Group Meetings	Colloquium	Study Committee Annual Meeting	Power Station - Himeji Himeji Castle Himeji -Kyoto	To be finalised
Evening		Welcome Reception	Tutorial(s)	Banquet			

Deadlines

1	Deadline for submission of Abstracts ^{*)}	Apr. 19 th
2	Notification of Acceptance	May. 19 th
3	Deadline to send the Power Point presentation and (optional) paper manuscript (including copyright form)	July. 19 th
4	Deadline for authors' registration	July. 19 th
5	Deadline for other participants' registration	Sep. 1 st
6	Technical Meeting (with Colloquium oral presentations on 13 th & 14 th)	Sep 10 th – 16 th

Registration Fee

	Early registration (Before June 16th)				Normal registration (From June 17th)			
	Regular Program	Option 1 (Banquet)	Option 2 ^{*)} (Tour 1)	Option 3 (Tour 2)	Regular Program	Option 1 (Banquet)	Option 2 ^{*)} (Tour 1)	Option 3 (Tour 2)
Overseas Attendee	500 EUR	60 EUR	80 EUR	80 EUR	600 EUR	72 EUR	96 EUR	96 EUR
Domestic Attendee	70,000 JPY	8,500 JPY	11,000 JPY	11,000 JPY	84,000 JPY	10,200 JPY	13,200 JPY	13,200 JPY
Student	20,000 JPY	3,000 JPY	5,000 JPY	5,000 JPY	24,000 JPY	3,600 JPY	6,000 JPY	6,000 JPY

Option 1 : Banquet (Sept. 13th) Light meal, alcohol, and soft drinks

Option 2 : Technical Visit (Sept. 15th) Himeji No. 2 Thermal Power Station and Himeji Castle.

^{*)} For security reason, the number of attendees for Option 2 is limited to 40 maximum.

Due to this limitation, priority will be given to CIGRE members and guests from other countries on a first come, first-accepted basis.

Option 3 : Technical Visit 2 (Sept. 16th) Includes a yudofu lunch in a historic Okazaki-Keage area where Lake Biwa Canal flows that fed Japan's first hydro power. Many tourist attractions including Nanzenji temple are located within walking distance.

Private tours can be arranged individually at the hotel listed below.

Accommodation

Hotel	Location	Hotel Information
Kyoto Brighton Hotel	12 minutes walking from the Venue	https://kyoto.brightonhotels.co.jp/en/

Information on Kyoto Brighton Hotel

Room Category	Price per Room per Night	Remark	Special Offer Applies
Single use of a Double/Twin Room	29,000 JPY	Check in dates Sep. 9	1 st April 2023 through 7 th July 2023
Single use of a Double/Twin Room	25,500 JPY	Check in dates Sep. 10 – Sep. 15	1 st April 2023 through 7 th July 2023
Single use of a Double/Twin Room	49,000 JPY	Check in dates Sep. 16	1 st April 2023 through 7 th July 2023

Please contact the hotel directly by email: kbh_reserve@brightonhotels.co.jp

Kyoto Brighton Hotel Promotional Video

<https://assets-brighton.netlify.app/kyoto/sales/kyoto-brighton-hotel-pv-en.mp4>

Check in 3:00 p.m. ~ / Check out ~12:00 p.m.

If you are staying with an extra person, the price will be an additional 9,000 JPY per night. Above prices include breakfast, service charge, and all taxes.

The above accommodation prices are for CIGRE SC A1 Meeting, Colloquium & Tutorials Attendees Only.

Remember to inform the hotel that you are attending the “CIGRE SC A1” meeting when you make the reservation.



Reservation URL



Promotional Video

Hotel staff are available 24/7 to assist visitors to set up their private tour or make reservations for events/restaurants.

If you make your reservation after the offer date of July 7th, then reservation through a booking agent can be less expensive depending on the timing,

Due to the increase in tourist travel to Japan since the COVID pandemic, it is recommended to make your hotel bookings as early as possible.

Cancellation policy;

8 to 14 days before the arrival date... 30% of the total charge

2 to 7 days before the arrival date... 50% of the total charge

The day before the arrival date... 80% of the total charge

The arrival date... 100% of the total charge

Correspondence Address for Abstracts and Papers

Email: kyoto2023@cigre.jp

Website for more information

<https://sites.google.com/view/cigre2023kyoto/>