

## CALL FOR PAPERS



## CIGRE - AORC Technical Meeting 2020

Kanazawa – Japan, 14-17 April 2020



“New Trends in Advanced Technologies for Efficient, Economical and Resilient Power Systems”

The CIGRE – AORC Technical Meeting 2020 brings together experts and key players in the electric power industries: utilities, manufacturers, contractors, policy makers, regulators and academics. The Meeting will be a unique forum to share exciting new research, to raise issues and awareness, to discuss future directions, and to network with leading professionals including young & woman engineers. Administrative meeting and a technical visit will be organized in April 16 and 17, 2020, respectively. **Details will be informed at a conference website\*.**

\*) Conference website: to be informed by the next version

### Topics of Special Interest

***The latest trends & technologies or challenges & mitigation measures in relation, but not limited to:***

#### ***(1) Common Topics***

- Flexibility – Connect & manage, dynamic rating of line / transformer, etc.
- Resilience against large disturbance & severe weather – Total and partial blackout
- Environmental Impact, mitigation & public acceptance
- Asset optimization, cost reduction, affordable design
- Engineering / Simulation model, tool & work method
- Digitalization, IT/OT & cybersecurity
- Standardization

#### ***(2) Transmission line, Transmission & Distribution equipment and Substation facilities***

- Reliability - remaining life, & degradation mechanisms
- Latest inspection technologies, remote sensing technology, robotics
- Application of new materials & their testing techniques

#### ***(3) Integration of Renewable Energy Power Sources***

- Requirements for generators & network planning
- Power output forecasting of PV / WTs and effect on the accuracy of demand forecasting
- Supply-demand balance planning and operation
- Ancillary services & market
- Network stabilization technologies
- Grid code & regulatory issues

#### ***(4) Transmission & Distribution System planning, Operation & Control***

- Adequacy, security assessment method
- Power trading & electricity market
- Network stabilization technologies
- Emergency control, blackout restoration
- Training & skill certification program

### Participants

The Meeting is directed towards **all Study Committee experts** involved in CIGRE who are pursuing the best solution of emerging subjects in power systems.

### Venue

**Kanazawa Bunka Hall**, 15-1 Takaoka-machi, Kanazawa, Ishikawa, 920-0864, Japan



Kanazawa is often referred to as a “little Kyoto” thanks to its many superb historical sites, including the ruins of Kanazawa Castle, the famous Kenrokuen garden and the Ninja Temple.

## Organizing Committee

Shinichi Suganuma, Organizing Committee Chairman,  
Japanese Regular Member, SCB5  
Daisuke Yoshida, Japanese Regular Member, SCA3  
Hideo Tanaka, Japanese Regular Member, SCB1  
Taku Yamakawa, Japanese Regular Member, SCB2  
Shigeyuki Tsukao, Japanese Regular Member, SCB3  
Daigo Hirano, Japanese Regular Member, SCC2  
Yasuo Matsuura, Japanese Regular Member, SCC6

## Co-operative Committee

Osamu Nagura, Japanese Regular Member, SCA1  
Shin Yamada, Japanese Regular Member, SCA2  
Hiroyuki Furukawa, Japanese Regular Member, SCB4  
Naoto Fujioka, Japanese Regular Member, SCC1  
Satoshi Nakasono, Japanese Regular Member, SCC3  
Yoshihiro Baba, Japanese Regular Member, SCC4  
Kenichi Sugahara, Japanese Regular Member, SCC5  
Shodai Takahashi, Japanese Regular Member, SCD1  
Hideomi Takehara, Japanese Regular Member, SCD2  
Tamami Kurihara, Japanese Representative, NGN

## Submissions

Authors are invited to submit a Synopsis in English (within 500 words) of the proposed paper. The Synopsis should be sent by the conference website\* by **November 1, 2019**.

Paper and synopsis templates are tentatively available at the Japanese National Committee of CIGRE website:

<http://www.cigre.jp/en/news/detail/124> (English)

<http://www.cigre.jp/news/detail/124> (Japanese)

The submitted synopses will go through a peer review process. The Secretary of the Organizing Committee will notify acceptance of the synopses before **December 2, 2019**.

Upon synopsis acceptance, a paper limited to 6 to 8 pages in CIGRE format should be submitted by **February 3, 2020**. Papers are to be forwarded by the conference website\*.

Accepted final contributions will be notified and available for the delegates at the conference website\* before **February 14, 2020**.

\*) Conference website: to be informed by the next version

## Important Dates

**Nov. 1<sup>st</sup> 2019:** Deadline of paper synopses

**Dec. 2<sup>nd</sup> 2019:** Notifying the acceptance of synopses

**Feb. 3<sup>rd</sup> 2020:** Deadline for submission of full paper

**Feb. 14<sup>th</sup> 2020:** Deadline for confirmation of final paper

## Contacts

<Registration, Hotel reservation, Technical and accompany persons tours, Access, VISA assistance >

URL: **to be informed by the next version**

<Synopsis, Paper and others>

URL: **to be informed by the next version**

<Conference Chair> Prof. Akihiko YOKOYAMA

E-mail: [yokoyama@syl.t.u-tokyo.ac.jp](mailto:yokoyama@syl.t.u-tokyo.ac.jp)

## The Place to Go

### Kenroku-en Garden & Kanazawa Castle

This is not only a famous tourist spot but you can also have a tea ceremony experience in the scenic beauty of the tea-room within Kenroku-en Garden. You can hire the area inside the castle for private parties at night.



### Omicho Market

If you're a fan of Japanese food then you'll love Omicho Market. There's an incredible range of locally-caught seafood as well as fresh fruit and vegetables. It's also a great place to go for a meal as there are plenty of delicious restaurants which use the market's produce.

