



CALL FOR PAPERS

Challenges for Future Reliability of T&D Substations and Equipment

2015 CIGRE SC A3 (High Voltage Equipment) & B3 (Substations) JOINT COLLOQUIUM

28 September – 2 October 2015 Nagoya, Japan



Introduction

The Japanese National Committee of CIGRE has invited Study Committees A3 'High voltage equipment' and B3 'Substations' to hold their annual meeting in Japan. In association with both meetings, the Study Committees A3 & B3 organize a joint international colloquium titled "Challenges for Further Reliable T&D Substation and Equipment in the Future". The Colloquium and a tutorial will take place in Nagoya, Japan, 28th -30th of September 2015.

Host City

Nagoya is located at the center of Honshu (the main island of Japan) with a population of 2.24 million. Nagoya has a long history and is the birthplace of three notable feudal lords, Oda Nobunaga, Toyotomi Hideyoshi and Tokugawa Ieyasu. Traditional industries like ceramics and textiles as well as key modern industries like automobiles, aviation and machine tools have also developed in Nagoya, and Nagoya plays an important role in the Japanese industry. Today, Nagoya continues to draw attention and keeps on developing as a Japanese international city.

<http://www.nagoya-info.jp/en/>

Participants

The joint colloquium is directed towards utilities, manufacturers, engineers, system operators, transmission operators, as well as academic organizations that provide research on electric power systems.

Preferential Subjects

1. Life cycle asset management

- Renovation, refurbishment, extension and up-rating of substations and equipment
- Sustainable maintenance optimisation
- Lifetime management, Deterioration and Ageing of substation equipment
- Management of new and existing T&D assets in severe environmental and operating condition

2. New challenges for future T&D network

- New requirements for AC and DC T&D network
- New approaches to grid automation and condition monitoring in T&D network
- Application of new technologies relevant to IEC 61850, NCIT, Controlled switching, and Operation & Maintenance
- Offshore substation and equipment developments
- Factory and field demonstration experiences to T&D substation equipment



Program

Sunday 27 September 2015

Registration and Welcome Reception

Monday 28 September 2015

Registration
Day 1 of Colloquium

Tuesday 29 September 2015

Day 2 of Colloquium

Wednesday 30 September 2015

Tutorials

Friday 2 October 2015

SC Technical Tour

Advisory Group and Working Group meetings will be held during Saturday 26th September and Sunday 27th September 2015.

Call for Papers

Prospective authors should submit a synopsis, not more than 500 words in English, using the colloquium template. The synopsis should include Preferential subjects, Title, Authors' names, Affiliation(s), e-mail address of the main author before the text, and be submitted from the web site. The text of the synopsis should make it clear which of the objective in the preferential subjects it address, the main points of the paper and its innovative contribution as well as the inclusion of practical results. Submission should be made electrically on the web site before 24th of October 2014 and acceptance of synopsis will be acknowledged before 24th of December 2014.

Authors whose synopsis are selected for development into full contributions will be requested to provide a typescript of up to 6 pages in length of A4 papers with the instruction for the full paper on the web site.



Important Dates

Authors are kindly requested to take note of the following deadlines:

Submission of Synopsis

24 October 2014

Notification of Acceptance

24 December 2014

Submission of Papers

10 April 2015

Colloquium Location

The colloquium will be held at Nagoya Kanko Hotel in Nishiki, Naka-ku, Nagoya city, Aichi prefecture.

<http://www.nagoyakankohotel.co.jp/en/>

Registrations

The general program for the Colloquium and Tutorials will be issued in April in 2015, with all information on the program, registration and accommodation.

Technical Committee

- Hiroki Ito (Japan, Chairman of SC A3)
- Terry Krieg (Australia, Chairman of SC B3)
- Anton Janssen (The Netherlands)
- Antonio Carvalho (Brazil)
- Michael J. Mackey (Ireland)
- Piet Knol (The Netherlands)
- Haruhiko Koyama (Japan)
- Koji Kawakita (Japan)

Synopsis and Paper Submission

Synopses and papers are to be submitted using the automated forms at the colloquium web site.

Information

If you need further information about 2015 CIGRE A3 & B3 Joint Colloquium and Tutorial, please refer to the following web site or contact the conference secretariat by e-mail:

Colloquium web site :

<http://www.cigre2015a3b3.jp/>

e-mail :

general-info@cigre2015a3b3.jp

