



CALL FOR PAPERS

Joint CIGRE SC B3 & A3 Colloquium

Birmingham, United Kingdom | 9 – 12 May, 2023

A JOINT CIGRE STUDY COMMITTEE B3 & A3 COLLOQUIUM

'The role and impact for T&D Substations and Equipment in delivering a Net Zero Carbon Future'

The CIGRE UK National Committee invites Study Committees B3 & A3 to hold a joint Colloquium in Birmingham between the 9th and 12th May 2023 at the IET Austin Court. This Colloquium brings together experts and key players in the domain of Transmission & Distribution Substations & Equipment from the electric power industry, including System Operators, Manufacturers, Consultants, Policy Makers, Regulators and Academics. The conference will be a unique forum to share exciting new research, to raise issues and awareness, to discuss future directions, to show innovative solutions and to network with leading professionals.

HOST CITY

Birmingham is the UK's second largest city and lies at the heart of the West Midlands, famed to be the cradle of the Industrial Revolution. Its five universities include the University of Birmingham with a strong focus on Power Systems. Major cultural institutions include the City of Birmingham Symphony Orchestra, Birmingham Royal Ballet, Repertory Theatre, and its famous Library. With 571 parks, more than any other city in Europe, and more miles of canal than Venice, the City has a rich diversity, offering Michelin dining to award-winning street food.

PREFERENTIAL SUBJECTS

Papers are invited on any topics of interest falling within the following three preferential subjects: -

PS1 - Emerging Substation & HV equipment strategies to deliver the transition to a low carbon future

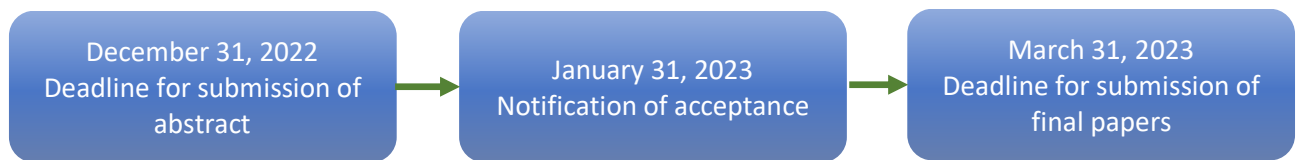
- Reducing the substation carbon footprint
- Developments and Roadmaps for alternative technologies
- Substation interventions to accommodate network growth
- What has to change?

PS2 - Impact of Net Zero on the Lifetime Management of SF₆ filled equipment

- Performance & maturity of SF₆ alternatives: report on industry experience
- Managing Legacy Equipment: SF₆-free Retrofit Solutions
- End of life management: what do we do with displaced SF₆?
- Impact of emerging Legislation, regulations, and recommendations

PS3 – Opportunities for Sustainability and Circular Economy with Substations and HV equipment

- Threats and opportunities for Substation HV Equipment
- New Materials and Testing techniques
- Optimising substation operation and efficiency
- Evolving Asset Management Philosophies



SUBMISSIONS

Authors are invited to submit an abstract (up to 500 words) of the proposed paper via the Conf Tool portal by December 31, 2022. A link to the ConfTool can be found at: <https://cigre.org.uk/call-of-papers/>. The abstract should reference the related Study Committee domain (B3 or A3) and the preferential subject category (PS1, PS2 or PS3). The submitted abstract will then go through a peer review process. You will receive a submission receipt and be notified of acceptance before January 31, 2023. Upon acceptance, a paper limited to 6 to 8 pages in CIGRE format should be submitted for final consideration on or before March 31, 2023. You will then be asked to present your paper in person at the Colloquium (PowerPoint format using the CIGRE template).

PROGRAMME OUTLINE



REGISTRATION & LOGISTICS

Details on how to register, can be found at the Colloquium section of the CIGRE UK website at: <https://cigre.org.uk/events/cigre-b3a3-colloquium-2023/>, where you can also find programme updates and advice regarding travel and accommodation options. There is an early-bird registration discount up to January 31, 2023.

SPONSORSHIP & EXHIBITION

To see more about sponsorship and exhibition opportunities go to: <https://cigre.org.uk/events/cigre-b3a3-colloquium-2023/>

CONTACT

For further information about the Colloquium contact: colloquium@cigre.org.uk

THE COLLOQUIUM VENUE

Originally called the Kingston Buildings, the Institution of Engineering and Technology's conference centre in Birmingham, was renamed Austin Court in honour of Herbert Austin, later Lord Austin of Longbridge, the pioneering Midlands car manufacturer. Situated canal-side in the heart of the Midlands Industrial heritage, and on the main junction of Birmingham's canal system, this Grade II listed building has a waterside ambience.

