CALL FOR PAPERS

CIGRE SC D2 Colloquium 2019
Helsinki, Finland June 11–14, 2019

CIGRE Study Committee D2 Colloquium on Information Systems and Telecommunication

The D2 colloquium and exhibition will bring together the key players of information systems and telecommunication for the electric power industry: business leaders, system operators, manufacturers, engineers, 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, and to network with leading professionals.

PREFERENTIAL SUBJECTS:

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

PS 1: Information and communication technology (ICT) supporting energy transition
· Big data, data analytics using artificial intelligence (AI) for securing the electric power utilities operations;
· Cloud computing;
· Machine learning.

PS 2: Cyber security
· Threats management in electric power utilities (EPU);
· Security assessments tools;
· Cyber security maintenance in power system operation;
· Electric power utilities credential management with blockchain technology;
· Big data used for detecting cyber anomalies in electric power utility informational and operational technology (IT/OT).

PS 3: New internet of things (IoT) application to support electric power utilities
· 5G for utility networks;
· New internet of things applications to support electric power utilities;
· Cybersecurity issues in internet of things.

SUBMISSION

Authors are invited to submit a synopsis (300–500 words, in English) via the online system at: *https://www.dropbox.com/request/yv0N-woNPF3ImVUDgJVJY* or by e-mail to the Organising Committee by September 30, 2018. Paper and synopses templates are available at: *https://www.cigrefinland.fi/en/D2-colloquium2019/call-for-papers*

The submitted synopses will go through a peer review processs. The notification of acceptance is October 31, 2018. Upon synopsis acceptance, a 6 to 8 page paper in CIGRE format should be submitted for the final contribution by December 31, 2018.

Accepted final contributions will be included in the conference proceedings and papers will be published in the online CIGRE library (*www.e-cigre.org*), provided the contributions are fully registered by at least one author and presented in person at the colloquium. Colloquium web pages: *https://www.cigrefinland.fi/en/D2-colloquium2019*

The Organising Committee will award the best student paper among the contributions with a Master student as an author.

For more information, please contact the Organising Committee:
sampsamatti.tanner@fingrid.fi (D2),
liisa.haarla@fingrid.fi (FiNC)

September 30, 2018
Deadline for submission of abstracts (via website)

October 31, 2018
Notification of acceptance

December 31, 2018
Deadline for submissions of final papers

ORGANISED BY

The Finnish National Committee of CIGRE (FiNC) and CIGRE Study Committee D2