



CONSEIL INTERNATIONALE DES GRANDS RÉSEAUX
ÉLECTRIQUES (INTERNATIONAL COUNCIL ON LARGE
ELECTRIC SYSTEMS)

The Study Committee C4 on
System Technical Performance

Presents

A Colloquium on: Lightning and Power Systems



May 16 - 19, 2010
Berjaya Times Square Hotel
Kuala Lumpur, MALAYSIA

“Call for Papers”

Organised by:
The Malaysian National Committee of CIGRE (MNC-CIGRE)

Supported by:
Asia-Oceania Regional Council of CIGRE (AORC-CIGRE)
Pertubuhan CIRED Malaysia (CIRED-Malaysia)
IEEE-PES Malaysia

Background and Scope

CIGRE Study Committee C4 on System Technical Performance is pleased to announce that a colloquium on 'Lightning and Power Systems' will be organized in Kuala Lumpur, Malaysia in May 2010, in cooperation with SCs A3 (HV equipment) and B2 (Overhead line). This event is organized by the Malaysian National Committee of CIGRE (MNC-CIGRE) with the support of the Asia-Oceania Regional Council of CIGRE (AORC-CIGRE), CIRED Malaysia and IEEE Power and Energy Society (IEEE-PES) Malaysia. The three-day event will include two days of report/paper presentation and a technical visit.

Kuala Lumpur as a venue for a discussion on lightning is very fitting as Malaysia experiences a high frequency of lightning activities with thunder that can be heard for more than 70% of the days in a year. It is more likely that during the colloquium one will witness lightning activities.

As electricity customers are expecting continuous electricity supply and perfect voltage waveform at their premises, power engineers have to address the classical lightning protection issues using new approaches and techniques so that the damaging effects of lightning can be truly contained. The colloquium, which will bring together CIGRE experts around the world and regional engineers, managers and researchers, will allow useful exchanges of knowledge, experience and information towards further understanding of lightning and its effective protection.

Engineering fraternities such as the CIGRE Study Committee C4 has an important role to play in expanding the knowledge on lightning and in identifying cost-effective solutions to minimize the impacts of lightning on power systems and thus the customers. We firmly believe that this colloquium will benefit the power industry and therefore would like to encourage participants to share their knowledge and experience in lightning and lightning protection related to power systems.

Main Topics

We cordially invite you to submit abstracts on any topic but not limited to the followings:

- 1) OHL lightning performance
 - Performance experience
 - Design and applications LSA
 - Grounding and grounding methods
 - Autoreclosing
- 2) Substation insulation coordination
 - GIS
 - Cable connected SS
 - Hybrid transmission
- 3) Lightning protection of distribution system
 - Induced overvoltages
 - Performance experience ;
 - Insulation level, overvoltages and line arresters
 - Grounding of distribution lines
 - Autoreclosing
- 4) Substation direct stroke protection
 - shield wires
 - rods
 - optimization
- 5) Surge arrester design, testing and monitoring
- 6) Surge arrester selection
- 7) Surge arrester special applications
- 8) Measurement of lightning transients and Lightning Location Systems
 - Design of LLS
 - Operational experience and application of LLSs
 - Data mining and findings

Conference Chairman

S. B. Yusof (Malaysia)

Organizing Committee

A. Xemard (France)	Chairman
A.H.Abu Bakar (Malaysia)	Co-Chairman
S. Sadovic (France)	
N. K. Beroz (Malaysia)	
Z. Rashid (Malaysia)	
Z. Osrin (Malaysia)	

Technical committee

The international committee in charge of the program and the selection of papers comprises:

A. Ametani (Japan)
M. Babuder (Slovenia)
W.A. Chisholm (Canada)
MT. Correia de Barros (Portugal)
A. Da Costa Oliveira Rocha (Brazil)
B. Dalle (France)
M. Ishii (Japan)
H. Jinliang (China)
M. Z. A. Ab Kadir (Malaysia)
M. Mesic (Croatia)
C. Neumann (Germany)
C. A. Nucci (Italy)
R. Othman (Malaysia)
S. Pack (Austria)
K. Petchsanthad (Thailand)
F. Rachidi (Switzerland)
V. A. Rakov (USA)
B. Richter (Switzerland)
S. Sadovic (France)
I. Uglesic (Croatia)
A. Xemard (France)

Submission of Abstract

Participants who intend to present written contributions are invited to submit their abstract in English (400 words) before **November 30, 2009** to:

zainor@aps-my.com

Each abstract must indicate the topics(s) that will be addressed (1 to 8 above), the paper title, company affiliation, and the e-mail and full address of the author(s).

Important Dates

- **November 30, 2009:** Deadline for abstract submission. Authors will be notified of abstract acceptance within two weeks.
 - **February 1, 2010:** Deadline for full paper submission.
 - **March 1, 2010:** Authors notified of paper acceptance and any modifications required.
 - **April 1, 2010:** Final manuscript submission.
- May 16-19, 2010:** Colloquium in the Berjaya Times Square Hotel Kuala Lumpur, MALAYSIA.

Provisional General Program

Date/Time	Activity
Sunday 16 May 2010 1:00 pm – 7:00 pm 5:00 pm – 10:00 pm	Registration Cocktail reception
Monday 17 May 2010 8.00 am – 9.00 am 9:00 am – 5:00 pm 8:00 pm – 11:00 pm	Registration Opening and Colloquium Dinner
Tuesday 18 May 2010 9:00 am – 5:00 pm	Colloquium
Wednesday 19 May 2010 9:00 am - 5:00 pm	Technical Visit Company presentations WG meetings

Dates, Venue & Accommodation

Dates: May 16 - 19, 2010

Venue: The Manhattan I Hall, Berjaya Times Square Hotel, Kuala Lumpur, MALAYSIA

The colloquium venue is Berjaya Time Square located right in the heart of Kuala Lumpur's central business district also popularly called the Golden Triangle. The location is surrounded by Kuala Lumpur's major shopping centers and connected via monorail to most parts of the city. We strongly recommend all participants to stay at the hotel during the duration of the colloquium.

You can make room booking directly at:

<http://www.berjayahotels-resorts.com/timesquare.htm>

Or through MNC-CIGRE at (for a discount but for only a limited number of rooms):

<http://www.cigre.org.my/>

Room Rates:

Room Type	Rate per Night, RM (Equivalent USD)
SUPERIOR SUITE	
Single	RM 290 (US\$ 90)
Double	RM 311 (US\$ 100)
STUDIO CLUB SUITE	
Single	RM 500 (US\$ 145)
Double	RM 552 (US\$ 160)

Note: Room rates include taxes and inclusive of breakfast

How to get to Berjaya Times Square Hotel, Kuala Lumpur

Berjaya Times Square Hotel, Kuala Lumpur is situated at Jalan Bukit Bintang, about 1 hour away from Kuala Lumpur International Airport (KLIA) by taxi (taxi fare of about RM 150 or US\$ 45). Alternatively, you can travel by the KLIA Express Rail link from KLIA to KL Sentral (train fare of RM 37 or US\$ 12) which will take about 40 minutes and then take the monorail which is about 6 minutes to the hotel. If you are taking a taxi at KLIA, you are advised to buy a taxi coupon at the taxi counter by stating your destination.

Participation Fees

Registration fee can either be paid cash during the colloquium registration or wire-transferred one (1) month before the event. If payment does not accompany course registration, CIGRE shall issue an invoice which is to be paid no later than 30 days. Invoicing and cheque are only applicable to participants from Malaysia. Payment by cheques should be made in favour of "MNC-CIGRE". All payment should be in Ringgit Malaysia (RM).

Participation	*Fee RM (Equivalent US\$)
Attending Colloquium (3 days 2 nights)	RM 1,550 (US\$ 450)

*Note: The fee is to cover costs of colloquium venue, two refreshments, lunches and a dinner for the two-day event.

Wire Transfer details: (Applicable for foreign participants)

MALAYSIAN NATIONAL COMMITTEE OF CIGRE or MNC-CIGRE

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