



Call for Papers



CENTRE OF EXCELLENCE FOR
TRANSFORMERS

2nd International Colloquium “Transformer Research
and Asset Management”

Dubrovnik, Croatia, May 16 – 18, 2012



The Croatian National CIGRÉ branch in cooperation with the Faculty of Electrical Engineering and Computing in Zagreb and the Centre of Excellence for Transformers in Zagreb is organizing the **International Colloquium Transformer Research and Asset Management 2012**.
The Colloquium is supported by the CIGRÉ A2 Committee

ABOUT DUBROVNIK

The city of Dubrovnik is situated in the very south of the Republic of Croatia. The geographical position of the area is typical of the classic Mediterranean climate with mild and damp winters, and hot dry summers at quite low air humidity. Average temperature in May is 21°C.

Dubrovnik is rich in cultural and historical monuments and is included in UNESCO World Heritage List. The most recognizable feature which defines the History of Dubrovnik and gives it its characteristic are its intact city walls which run uninterrupted for 1940 meters encircling the city. This complex structure, one of the most beautiful and strongest fort systems in the Europe is the main attraction to the city's visitors.



The prosperity of the city of Dubrovnik has always been based on maritime trade. In the Middle Ages, as the Republic of Ragusa, also known as Maritime Republic (together with Amalfi, Pisa, Genoa, Venice and other cities), it became the only eastern Adriatic city-state to rival Venice. Supported by its wealth and skilled diplomacy, the city achieved a remarkable level of development, particularly during the 15th and 16th centuries.

BACKGROUND AND SCOPE

Croatian National Committee of CIGRÉ together with the Faculty of Electrical Engineering and Computing in Zagreb and The Centre of Excellence for Transformers are organizing the 2nd colloquium on transformers which will gather specialist from the academic community, research institutes, electric utilities and industrial world. The Colloquium is supported by the CIGRÉ A2 committee.

The first colloquium was held in Cavtat in 2009. with 147 participants from 25 countries all around the world and 46 papers by 133 authors from 20 countries were accepted.

The event is the perfect place to exchange ideas, ask questions and express opinions, to renew old acquaintances and make new friendships. The aim is to bring together researchers from transformer production, universities, and utilities to present and discuss their research results and latest advances in the fields of power, special, distribution and instrument transformers.

CONTACTS



transformer@hro-cigre.hr
www.hro-cigre.hr

ABOUT DUBROVNIK

The Colloquium will extend over three days. The papers will be presented in morning and afternoon oral sessions and poster sessions. CIGRÉ tutorial on transformer maintenance will be held as well.

MAIN TOPICS

Papers regarding all aspects of power, special, distribution and instrument transformers are encouraged.

The papers will be divided into three main topics:

- Numerical Modeling
Electromagnetic field, Coupled fields, Transients, Numerical modeling in design, etc.
- Materials, Components and New Technologies
Insulating material, Magnetic material, Transformer components, Transformer new technologies, etc.
- Transformer Life Management
Monitoring, Diagnostics, Failures, Asset management, etc.

TUTORIAL

- Guide for Transformer Maintenance
Claude Rajotte
- Oxidation Stability of Insulating Liquids
Ivanka Atanasova-Hoehlein

Tutorial will be held in the afternoon on May 16 and will be free for all participants.

WORKING LANGUAGE

The working language for the colloquium is English. All the printed materials, presentations and discussion will be in English

EXTENDED ABSTRACT SUBMISSION

Participants who intend to present written contributions are invited to submit their one page extended abstract in English before **November 15, 2011** to:

transformer@hro-cigre.hr

Guidelines for the extended abstract are available at www.hro-cigre.hr.

IMPORTANT DATES

- **November 15, 2011:** extended abstract submission. due date
- **January 1, 2012:** notification of acceptance
- **March 1, 2012:** full paper submission due date
- **May 16 - 19, 2012:** Colloquium in the hotel Rixos, Dubrovnik, Croatia.

TECHNICAL COMMITTEE

Program and Selection of Papers

Željko Štih (Croatia)
Zoran Anđelić (Switzerland)
Oszkar Biro (Austria)
Pierre Boss (Switzerland)
Gusztav Csepes (Hungary)
Zdenko Godec (Croatia)
Stanislaw Gubanski (Sweden)
Tomislav Kelemen (Croatia)
S. V. Kulkarni (India)
Elzbieta Lesniewska (Poland)
Karsten Loppach (Germany)
Zlatko Maljković (Croatia)
Richard P. Marek (USA)
Predrag Mijajlović (Montenegro)
Miloš Milanković (Serbia)
Ugo Piovan (Italy)
Claude Rayotte (Canada)
Dubravko Sabolić (Croatia)
Michel Sacotte (France)
Kemo Sokolija (Bosnia and Herzegovina)
Stefan Tenbohlen (Germany)
Mladen Trlep (Slovenia)
Zvonimir Valković (Croatia)
Fikret Velagić (Bosnia and Herzegovina)
Slavomir Wiak (Poland)
Davor Zvizdić (Croatia)

PUBLICATION OF PROCEEDINGS

All papers will be published on the conference CD which will be distributed to all participants.

VENUE

The Colloquium will take place in the congress centre of the Rixos Libertas Hotel in Dubrovnik.



The hotel is situated on the coastline and is only 15 minutes walking from Dubrovnik's historic old town and only 20 minutes driving from Dubrovnik International Airport. The rooms offer a panoramic view of the Adriatic sea.