

# Call for Papers

## 7<sup>th</sup> ICTRAM Colloquium 2026

Cavtat, Croatia, May 6 – 9, 2026



The Croatian National CIGRE 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

**7<sup>th</sup> International Colloquium "Transformer Research and Asset Management"**

<https://icttram.org/>

## VENUE

The Colloquium will take place in the congress centre of the Hotel Croatia Cavtat, Croatia. Situated on a peninsula jutting into the sea at Croatia's southernmost point, Hotel Croatia Cavtat enjoys countless sunny days and spectacular views of the open sea.



## ABOUT CAVTAT

The charming harbour town of Cavtat is one of Croatia's best kept secrets. Ideally situated between the City of Dubrovnik and the Dubrovnik airport, Cavtat is an ideal combination of beauty and accessibility.

Renowned for its historic charm and serene beauty, Cavtat boasts a rich cultural heritage dating back to ancient Greek times. The town's scenic harbor, lined with palm trees, offers a tranquil escape with its blend of crystal-



clear waters and vibrant Mediterranean flora.

Visitors can explore well-preserved medieval architecture, enjoy leisurely seaside walks, and visit landmarks like the Račić Mausoleum and the Rector's Palace, which highlight Cavtat's historical significance. With its relaxed ambiance and breathtaking views, Cavtat is a true gem of the Dalmatian coast, ideal for those seeking both relaxation and a touch of history.

## BACKGROUND AND SCOPE

The Croatian National Committee of CIGRE, in collaboration with the Faculty of Electrical Engineering and Computing at the University of Zagreb and the Centre of Excellence for Transformers, is organizing the 7<sup>th</sup> ICTRAM Colloquium 2026. This event will convene experts from academia, research institutions, electric utilities, and the industry. The previous ICTRAM colloquium, held in Split in 2023, attracted 315 participants from 29 countries, and featured 104 paper presentations. We are looking forward to an even more inclusive event next time, providing a perfect environment for exchanging ideas, posing questions, and sharing opinions. It will also offer an opportunity to strengthen existing relationships and forge new ones.

The goal is to unite researchers involved in transformer production, academics, and utility professionals to share their latest research findings and advancements in the areas of power, special, distribution, and instrument transformers.

## PROGRAM & MAIN TOPICS

The colloquium will extend for three days. It will include oral presentations, keynote contributions, poster sessions, CIGRE tutorials and plenty opportunities to socialize with old acquaintances and new friends alike.

Papers regarding all aspects of power, special, distribution and instrument transformers are welcome. The preferential topics are:

### Modeling and Simulation:

- Numerical modeling in design, multi-physics and coupled problems
- Transients, harmonics, lumped and distributed parameter models
- Machine learning and hybrid models, models for digital twins

### Materials, Components and New Technologies:

- Transformer components, insulating and magnetic materials
- New concepts and technologies in the transformer industry
- Digitalization and smart grid applications

### Transformer Life Management:

- Monitoring, diagnostics, and condition assessment
- In-service experiences and case studies
- Environmental aspects and resilience

More details are given on the following link: <https://ictram.org/call-for-papers>

## IMPORTANT DATES

**October 1, 2025:** extended abstract submission due date

**November 1, 2025:** notification of acceptance

**February 1, 2026:** full paper submission due date

**May 6-9, 2026:** Colloquium in the hotel Croatia, Cavtat, Croatia

## WORKING LANGUAGE

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

## TECHNICAL COMMITTEE

Bojan Trkulja (Croatia)  
Ivanka Atanasova Hoehlein (Germany)  
Werner Boonen (Belgium)  
Boleslaw Brodka (Poland)  
Branimir Ćučić (Croatia)  
Khayakazi Dioka (Republic of South Africa)  
Jan Dončuk (Czechia)  
Richard von Gemmingen (USA)  
Tim Gradnik (Slovenia)  
Žarko Janić (Croatia)  
Bruno Jurišić (Croatia)  
Samir Keitoue (Croatia)  
Tara-lee MacArthur (Australia)  
Robert Maruša (Slovenia)

Mark McVey (USA)  
Alfredo Ortiz Fernández (Spain)  
Patrick Picher (Canada)  
Christoph Ploetner (Germany)  
Marjan Popov (Netherlands)  
Alvaro Portillo (Uruguay)  
Ebrahim Rahimpour (Germany)  
Matthias Schick (Germany)  
Stefan Tenbohlen (Germany)  
Dejan Vuković (Germany)  
David Wallace (USA)  
Damir Žarko (Croatia)  
Igor Žiger (Croatia)  
Tomislav Župan (Croatia)

## PAPER SUBMISSION

Participants who intend to present their written contributions are invited to submit a one-page extended abstract and full paper using the template and submission system at: <https://ictram.org/author-center/>

## PUBLICATION OF PROCEEDINGS

All papers will be published in the proceedings and distributed to participants of the Colloquium.

Selected number of papers will be published in Journal of Energy.