

International Conference on Power Systems Transients 2021



Hosted by

**UFMG - Federal University of
Minas Gerais
Belo Horizonte, Brazil**

June 6th-10th, 2021

CALL FOR PAPERS

The International Conference on Power Systems Transients (IPST) offers a platform for the exchange of scientific and technical information related to electromagnetic transients in electric power systems. Contributors are sought on all topics related to the study of transient phenomena in electric energy systems. This includes, but is not limited to, digital computer simulations, transient network analyzer studies and field measurements. IPST is a biennial event and the 2021 session will be hosted by UFMG in Brazil.

Suggested Topics

Studies:

Temporary Overvoltages,
Switching and Fault Transients,
Lightning Surges, Insulation Coordination,
System Protection, Fault Location,
Inrush Currents, Ferroresonance,
Sub-Synchronous Resonance, Power Systems
Dynamics, Abnormal Oscillations, Harmonics and
Power Quality, Transients in Microgrid,
Integration of Renewable Energy Sources, AC-DC
Interactions, Geomagnetically Induced Transients

Components:

Transmission Lines and Cables,
Transformers and Reactors,
Circuit Breakers, Surge Arresters, Power
Electronics, FACTS, HVDC, Electrical Machines
and Drives, Alternative Energy Sources,
Control Systems, ESS, EV

Modeling and Simulations:

Solution Methods and Algorithms
Simulation Tools, HILS,
Real-Time Simulators

Field Measurements:

Model Verification,
Ageing and Condition Monitoring,
Parameter Identification

Author Schedule

Full Paper Submission	Nov. 10 th , 2020
Notification of Acceptance and required modifications	Dec. 31, 2020
Deadline for Final Manuscripts	Feb. 3 rd , 2021

Conference Website

The Conference Web Site is:

<http://www.ipst2021.com/>

All activities and questions related to the conference, including abstracts and papers submission, registration, sessions and activities program, accommodations, and travelling arrangements will be coordinated through this portal.

Submission of full papers

Prospective authors are encouraged to submit their contributions as full paper.

Full papers should be submitted in electronic form as detailed in the Conference Web Site.

All accepted papers will be scheduled for presentation in full at the conference. At least **one of the authors must register** for the conference to present the paper. The full papers will be included in the digital memories of the conference (USB) and will be posted in the organization's permanent web site at <http://www.ipstconf.org/>.

All accepted and presented papers will be also published in the journal Electric Power Systems Research (EPSR).

Each paper must be presented by one of its Authors during the conference in order to be included in the proceedings and EPSR. Young researcher best paper award will be provided.

Conference Venue

The conference will be held at the Federal university of Minas Gerais, Belo Horizonte, Brazil, from 6th (Sun) to 10th (Thu) June 2021.

Belo Horizonte, the capital of Minas Gerais State, is one of the largest cities of Brazilian Southeast, with a population of over 2.4 million.

The city, planned and constructed in the 1890s, features a mixture of contemporary and classical buildings, and is home to several modern Brazilian architectural icons, most notably the Pampulha Complex. Surrounded by mountains, the city has a number of parks and natural reserves, with vegetation typical of the Atlantic forest, where a large number of species of birds and mammals inhabit.

Belo Horizonte enjoys nice weather all year round. In June, the city experiences a dry season and average temperature of 24°C (maximum of 27°C and minimum of 16°C).

The so-called BH city is famous by its fabulous cuisine and a large number of restaurants and pubs that offer rich regional dishes.

Information about accommodation at affordable rates will be included in the IPST2021 website.



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