

IPST 2027

INTERNATIONAL CONFERENCE ON

POWER SYSTEMS TRANSIENTS

POWER SYSTEMS GROUP

Department of Electrical, Electronic,
and Information Engineering

Alma Mater Studiorum University of Bologna, IT

JUNE, 6-10 2027
BOLOGNA, IT



**FIRST ANNOUNCEMENT
& CALL FOR PAPERS**

WELCOME

The Local Organizing Committee is honoured to welcome researchers, engineers, and industry experts from all over the world to **IPST 2027**, the premier international forum devoted to electromagnetic transients in electric power systems.



ABOUT IPST

Born as the European Conference on Power Systems Transients (Lisbon, 1993), IPST is today the leading conference on modelling, simulation, measurement, and analysis of transient phenomena.

WHY IN BOLOGNA

Home to the oldest university in the western world, Bologna offers an outstanding historic centre and a vibrant research environment. The University of Bologna has more than four decades of research activity in electromagnetic transient analysis, particularly lightning-related phenomena.

CONFERENCE VENUE

Royal Hotel Carlton (address: Via Montebello, 8, 40121 Bologna) is located in the heart of Bologna close to Bologna Central High Speed Station.

The Opening Ceremony will be held in the historical **Salone Bolognini in San Domenico**

Center (address: Piazza S. Domenico, 13, 40124 Bologna) and the Welcome Reception will follow in the Cloister of the Basilica of San Domenico.



HOW TO REACH

The conference venue is walking distance from Bologna Central High Speed Station and 20 minutes from Bologna Marconi Airport (BLQ).

 www.bologna-airport.it

CONFERENCE TOPICS

Modeling of large loads and AI data centers

EMT solution techniques for large power systems modeling

Real-time simulations, modeling, and digital-twins

Renewable integration, energy storage systems, and microgrids

HVDC, MVDC, FACTS, and power electronics applications

Transients in power systems protection, power quality, and harmonics

Electrical machines and drives

Lightning, insulation coordination, and very fast transients

Switching and fault transients, including TRV

SSR and power system dynamics

Innovations in power equipment transient modeling

THE PROGRAM AT A GLANCE

SUNDAY JUNE 6

Conference Opening and Welcome Reception

MONDAY, JUNE 7

Opening Session, Keynote Lectures, Technical Sessions,
Exhibition Opening

TUESDAY JUNE 8

Technical Sessions

WEDNESDAY JUNE 9

Technical Sessions
Conference Dinner

THURSDAY JUNE 10

Technical Sessions, Closing Ceremony,
and Optional Tours



IPST 2027 LOCAL ORGANIZING COMMITTEE

DEPARTMENT OF ELECTRICAL, ELECTRONIC, AND INFORMATION ENGINEERING (DEI)

Alma Mater Studiorum University of Bologna, Italy

Co-Chairs

Alberto Borghetti
Fabio Napolitano

Technical Secretariat

Fabio Tossani

Honorary Chair

Carlo Alberto Nucci

IPST 2027 TECHNICAL COMMITTEE

Co-Chairs

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Shaahin Filizadeh (University of Manitoba, Canada)

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Kyeon Hur (Korea)

Ilhan Kocar (Canada)

Xi Lin (Canada)

Washington Neves (Brazil)

Theofilos Papadopoulos (Greece)

Simon Papenheim (Germany)

Jhair Acosta Sarmiento (Canada)

Juan Segundo-Ramírez (Mexico)

Liwei Wang (Canada)

Yue Xia (China)



CONTACTS

ORGANIZING SECRETARIAT

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SCIENTIFIC SECRETARIAT

Power Systems Group,
DEI
Alma Mater Studiorum
University of Bologna, Italy
fabio.tossani@unibo.it



REGISTRATION FEES (VAT 22% included)

EARLY • WITHIN APRIL 6TH 2027

REGULAR	€ 780,00
STUDENT	€ 450,00

LATE • AFTER APRIL 6TH 2027

REGULAR	€ 880,00
STUDENT	€ 550,00

ONSITE

REGULAR	€ 980,00
STUDENT	€ 650,00

LOW INCOME COUNTRIES (World Bank classification)

EARLY • WITHIN APRIL 6TH 2027

REGULAR	€ 525,00
STUDENT	€ 525,00

LATE • AFTER APRIL 6TH 2027

REGULAR	€ 525,00
STUDENT	€ 385,00

ONSITE

REGULAR	€ 665,00
STUDENT	€ 455,00

ACCOMPANYNG PERSON FEE ————— € 200,00

It includes the Welcome Reception on June 6 and Conference Dinner on June 9.

To be purchased within April 6.

Availability will not be guaranteed after that date.

REGISTRATION FEE INCLUDES

- Admission to all scientific sessions
- Admission to the exhibition area
- Admission to the Conference Opening and Welcome Reception (June 6)
- Admission to the Conference Dinner (June 9)
- Coffee and lunch breaks during the 4-days conference
- Congress Kit
- Certificate of attendance



HOTEL ACCOMODATION

Special rates for participants and speakers at **Royal Hotel Carlton****** available **within February 28th 2027**.



For reservation write to:
carlton@monrifhotels.it
and refer to:
IPST CONFERENCE 6-10 JUNE 2027



www.royalhotelcarltonbologna.com

NEARBY HOTELS

Hotel Internazionale****

www.hotelinternazionalebologna.com

Hotel Donatello***

www.hoteldonatello.com

Mercure Bologna Centro****

www.all.accor.com

NH De La Gare****

www.nh-hotels.it

Starhotels Excelsior****

www.starhotels.com

Unahotels Bologna Centro****

www.gruppouna.it

Zanhotel Europa****

www.zanhotel.it

Millen Hotel***

www.millennhotelbologna.it



PAPER SUBMISSION DEADLINES



FIRST SUBMISSION (FULL PAPER) DECEMBER 18, 2026



AUTHOR NOTIFICATION FEBRUARY 19, 2027



FINAL PAPERS SUBMISSION MARCH 19, 2027



FINAL NOTIFICATION TO AUTHORS APRIL 9, 2027

Note: Submissions are expected to demonstrate a clear connection and contribution to the transient simulation of power systems and components. Papers falling outside this scope may not be considered for review.

Submission: Prospective authors are encouraged to submit a paper following the template available on the IPST 2027 website. Word and Latex PDF templates are provided. The maximum number of pages is 7 for the first submission.

ipst2027.org

