8th EUROPEAN CONFERENCE ON SUBSTATION EQUIPMENT

24 & 25 NOVEMBER 2027

Location: H7 - LYON-CONFLUENCE

"Electrifying to decarbonize in a digitalized world"

CALL FOR PAPERS

KEY DATES

- **November 1st 2026:**
  Opening of submission of abstracts
- **February 14th 2027:**
  Deadline for abstract
- **May 15th 2027:**
  Notification of acceptance
- **June 24th 2027:**
  Deadline for final paper

SCOPE

The Energy and Digital Transitions, of which electrification is at the heart, are more than ever a major issue of our time.
In addition to the imperatives of reliability, sustainable development, competitiveness and compliance with regulations, there are now those of resilience and sovereignty.

These themes are central to the 2027 edition of MatPost, which will take place in Lyon.
Eminent experts and decision-makers from the international electricity ecosystem will discuss for 2 days the many innovations and initiatives to accelerate the necessary transformations while preserving our environment.

TECHNICAL VISIT

A technical visit to **RTE's 24/7 Digital Control Center** will be offered on the first day and, depending on the number of participants, also on the second day.

EXHIBITION

Many exhibitors will also have the opportunity to showcase and exchange on their most recent innovations. These presentations will take place in parallel with the sessions.

TOPICS

- **Massive electrification, integration of renewable energies** (offshore wind, photovoltaics, hydrogen), **systems and infrastructures** (DC grids, fast charging, grid forming).
- **Evolution of equipment** (gas insulated technologies without SF6,electric mobility, batteries, increase in required performance) **and substation architectures** (power distribution for data centers, etc.).
- **Simulation and advanced modeling to accelerate projects** ("Electromagnetic Transient Models", digital twins, AI by design, impact of quantum).
- **Network supervision and digitalization:** connected devices and automation, contribution of digital technology to the resilience and robustness of infrastructures, interest of virtualization associated with Process Bus technologies, impact of architectures on system performance, certification.
- **Effects of normative and regulatory changes on equipment:** the ban on SF6, REACH including certain PFAS, the "Cyber Resilience Act", the "Cyber Solidarity Act", harmonization of standardization.
- **Sustainability and sovereignty:** raw materials, criticality, resource efficiency, recycling, equipment repairability, ability to adapt to climate and geopolitical crises.

ABSTRACT SUBMISSION

Authors are invited to submit an abstract **from November 1, 2026 and no later than February 14, 2027**.

Scan the **QR code**

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www.matpost.org

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