



8th EUROPEAN CONFERENCE ON SUBSTATION EQUIPMENT 24 & 25 NOVEMBER LYON - H7

“Electrifying to decarbonize in a digitalized world”

TOPICS

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.

6 TECHNICAL SESSIONS, 3 KEYNOTES, A PANEL DISCUSSION, AN EXHIBITION & AND A TECHNICAL VISIT

- **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** with the following key themes: the ban on SF6, REACH including certain PFAS, the “Cyber Resilience Act”, the “Cyber Solidarity Act”, the harmonization of standardizations
- **Sustainability and sovereignty:** Raw materials, Criticality, sobriety, recycling, Equipment reparability, ability to adapt to climate and geopolitical crises



Three **“Keynotes”** and a **panel discussion** will enrich the interventions, which will also aim to meet the skills needs of the electricity sector.

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.

This edition will be crowned by the **technical visit** of RTE’s 24-hour digital supervision center.



To find out more:

Visit the MatPost2027 website:
www.matpost.org

Organizer

