

## Surge Protection and Lightning Risk Management in Power Systems

### ORGANIZED BY

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### DESCRIPTION OF THE SPECIAL SESSION TOPICS

This Special Session invites original contributions on surge protection and lightning risk management in power systems. Topics include surge protection in modern MV/LV systems, recent developments and open issues in IEC 62305-2 risk management, improved modelling of losses and risk components for structures and connected services, SPD coordination based on simulation models, and case studies on lightning-induced overvoltages in power systems. The session aims to promote the exchange of advanced methodologies and practical solutions for improving the protection, reliability, and resilience of electrical infrastructures.

