



## Invited Speaker

# Prof. Konstantin Papailiou

President of CIGRE  
CIGRE, France

Welcome by the president of CIGRE (G0103)

### Talk Title

Welcome by the president of CIGRE

### Biography

Konstantin O. Papailiou has spent his entire career of more than 40 years in Power Systems and in particular Overhead Lines. He received his PhD from the Swiss Federal Institute of Technology (ETH) Zürich and his post-doctoral qualification as lecturer (Dr.-Ing. habil.) from the Technical University of Dresden. Until his retirement, he was CEO of the Pfisterer Group and has published more than 100 papers as well as several reference books, like the CIGRE Green Book "Overhead Lines" and the "Springer Handbook of Power Systems". Konstantin Papailiou is strongly involved with CIGRE and has served from 2010 to 2016 as Chairman of CIGRE Study Committee "Overhead Lines". He is a CIGRE Fellow, the founding Editor-in-Chief of the CIGRE Science & Engineering Journal and the recipient of the CIGRE Medal.

# | Abstract

In a time of profound energy transformation, it is worth recalling the values that have guided CIGRE for more than a century—technical excellence, independence, and global collaboration. As the world moves toward an all-electric future, electricity is becoming the backbone of modern society.

Power systems are evolving into highly dynamic and interconnected ecosystems. The integration of renewable energy, electrification, and digitalization requires new approaches to planning and operation.

Grid services and market design play a central role. Markets must enable flexibility, reliability, and innovation, while grid services will increasingly be delivered by diverse technologies and actors.

CIGRE contributes through its global community by fostering knowledge exchange, developing best practices, and supporting the transition toward reliable and sustainable power systems.