



## **Colloquium ATHENS 2018**

**“Latest developments in HVDC systems, battery storage and EMF  
Challenges for integrating connections in transmission and distribution systems”**

**Organized by CIGRE Greek National Committee**

**Friday 30 November 2018  
Hotel Divani Palace Acropolis, Parthenonos 19-25, Athens**

### **PROGRAM**

#### **Opening Session**

*Markos Champakis, CIGRE Greek National Committee Chairman Opening Speech*

*Ioannis Margaris, IPTO (the Greek TSO) vice-Chairman Addressing Speech*

**Keynote Speaker: Rob Stephen, CIGRE President**  
*CIGRE strategy and the future grid direction*

#### **Session A**

**Applications of VSC Converters in HVDC**  
*Mohamed Rashwan, CIGRE SC B4 Chairman*

**Multi-terminal and multi-vendor HVDC systems**  
*Athanasios Krontiris, CIGRE SC B4 Expert*

**Selection Criteria for VSC HVDC System Solutions**  
*Marcus Haeusler, CIGRE SC B4 Expert*

**Key factors in expanding HVDC Multi-Terminal Systems**  
*Marcelo Ferraz, CIGRE SC B4 Expert*

#### **Session B**

**Impact of Battery Energy Storage Systems (BESS) on Distribution Networks**  
*Nikos Hatziargyriou, CIGRE SC C6 former Chairman*

**EMF - time to reassess**  
*Konstantin O. Papailiou CIGRE SC B2 former Chairman*