

# PREFACE

Since their start in 1884, power systems technology has advanced to keep pace with the increasing demand for electricity. This advancement has kept pace with the developments in enabling technologies. In their present state of development, the power systems have been large complex interconnected networks with a mix of different generation technologies, transmission systems and utilization. To keep the system stable under both normal operation and contingencies, it is now required that more advanced control and communication systems in the safe operation of the power systems be incorporated.

Power Engineering is one of the earliest fields that has developed within Electrical Engineering. It deals with generation, transmission and distribution of electric power. In spite of its long history, power engineering is a vibrant and challenging discipline.

All transformations bring with them challenges and opportunities. Papers devoted to the recent developments and future challenges offered by power, energy and electrical engineering presented by a number of international investigators at this International Conference held in December 2019 in London, UK, are included in these Conference Proceedings.

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