

Special Session on

“Condition monitoring and asset management of power equipment”

Organized by

- **Sanjib Kumar Panda,**
National University of Singapore
email: eleskp@nus.edu.sg
- **Aravinth Subramaniam,**
National University of Singapore
email: elearsu@nus.edu.sg
- **Santosh Janaki Raman,**
National University of Singapore
email: elesjr@nus.edu.sg
- **Mehdi Bagheri,**
Nazarbayev University, Kazakhstan
email: mehdi.bagheri@nu.edu.kz

Call for Papers

Fault diagnosis and condition monitoring aspects for power equipment that deals with the power electronic devices connected to it independently or in the grid.

Topics of the Session:

- Condition monitoring and asset management of power equipment (transformers and generators) as consequence of increased use of power electronics
- Impact of current and voltage harmonics, converter switching pulses, etc., on power equipment
- Accelerated ageing studies on thermal, electrical, ambient and mechanical (TEAM) stress and their inter-relationship effects on power equipment ageing
- Scientific methods of online fault emulation of power equipment in lab-scale testbeds and circuit and system simulation methods
- International and national failure surveys and case studies of power equipment