

**Session Program**

May 7 - 11, 2019

**Statistical Physics of Complex Systems**

***Power grid symposium (Peinke/Greiner/Schaefer/Olmi)***

Nordita, Stockholm, Alba Nova FR4

# Thu, May 9

2:00 PM

## Power grid symposium (Peinke/Greiner/Schaefer/Olmi)

Session | Location: Nordita, Stockholm, Alba Nova FD5

2:00 – 2:30 PM

### Renewable Energies: Turbulent Dynamics and Impact on Grid Stability

Speaker

Joachim Peinke

2:30 – 3:00 PM

### Renewable Energy Networks -- a Playground for Applied Statistical Physics

Speaker

Martin Greiner

3:00 – 3:30 PM

### Power Grids as Dynamical Systems: Recent Progress and a Data-Driven Approach using Superstatistics

Speaker

Benjamin Schaefer

3:30 – 4:00 PM

### Enhancing power grid synchronization and stability through time delayed feedback control

Speaker

Simona Olmi

4:00 PM