

The CINELDI conference 2019: Future electricity distribution grid R&D

Radisson Blu Royal Garden, Trondheim
April 9, 10:00-17:00



Welcome and introduction

10:00-10:15	Welcome and introduction Gerd Kjølle, SINTEF Energy Research
10:15-10:30	Flexibility and smart grid communication from the CINELDI perspective Kjell Sand, NTNU

Flexible resources to facilitate the smart grid transition

10:30-10:55	Key-note: Flexible resources to facilitate the smart grid transition Mattia Marinelli, Technical University of Denmark (DTU)
10:55-11:15	Discussion
11:15-11:35	Mini scenarios and use cases for application of flexible resources in the future power system Hanne Sæle, SINTEF Energy Research
11:35-11:55	Mobile and stationary batteries in the distribution grid: where are the largest benefits? Magnus Korpås, NTNU
12:00-13:00	Lunsj
13:00-13:20	Customers' involvement in flexibility Tomas Skjølvold, NTNU

13:20-13:40	Flexibility seen from a DSO perspective Eivind Gramme, Skagerak Nett
13:40-14:00	Coffee break

Smart grid communication and cybersecurity

14:00-14:25	Key-note: Smart grid communication and cybersecurity Anne Remke, University of Münster
14:25-14:45	Discussion
14:45-15:05	Smart grid operation Poul Heegaard, NTNU
15:05-15:25	Cybersecurity misuse cases for future distribution grids Marie Moe, SINTEF Digital
15:25-15:45	Coffee break
15:45-16:05	5G communications for smart grid applications Michele Garau, NTNU
16:05-16:25	Cybersecurity risk identification and modelling – a case study of a smart city grid Aida Omerovic, SINTEF Digital

Pilot projects

16:25-16:45	Pilot projects in CINELDI Magne Kolstad, SINTEF Energy Research
16:45-17:00	Wrap up and closure Gerd Kjølle, SINTEF Energy Research

19:00	Conference dinner at Royal Garden Hotel
-------	-----------------------------------------