Energy Systems for the Norwegian Grid

WORKSHOP

24th September 2018, Kjeller

8.30 – 8.55	**Arrival & get-together breakfast**
	Session I
8.55 – 9.00	Sabrina Sartori (Department of Technology Systems, University of Oslo, Norway)
	Welcome & introduction
9.00 – 9.45	Toru Namerikawa (Keio University, Japan)
	Robust prediction and optimal management for energy systems with renewables
9.45 – 10.30	Hans-Arno Jacobsen (Technical University of Munich, Germany)
	The OpenGridMap project
10.30 – 10.45	**Break**
	Session II
10.45 – 11.15	Kari Dalen (Statnett, Norway)
	A more flexible power system
11.15 – 11.45	Dieter Hirdes (Smart Innovation Norway AS)
	Needs and activities in Norway
11.45 – 12.30	**Lunch**

Session III

12.30 – 13.00	Fred Espen Benth (Department of Mathematics, University of Oslo, Norway)
	What can mathematical modelling do in energy markets?
13.00 – 13.30	Min Zhang (Department of Informatics, University of Oslo, Norway)
	P2P energy trading platform based on blockchain and fog computing technology (the SmartNEM project)
13.30 – 14.00	Idun Osnes (Department of Technology Systems, University of Oslo, Norway)
	Data centers workloads powered by wind power
14.00 – 14.30	Speaker and presentation title to be confirmed
14.30 – 15.00	Ragnvald Nærø (Smart Energy Network, Norway)
	Smart Energy Network – why is it needed and how does it work?
15.00 – 15.15	**Break**
15.15 – 16.00	Round table discussion
16.00 – 16.10	**Workshop closing**