

CONFIRMED SPEAKERS

1. Prof. Daven Bakken

Washington State University (WSU), USA

Topic: **IoT Coordination, Energy and Smart Cities**

<https://esic.wsu.edu/>

2. Dr. Valerie Issarny

INRIA, France

Topic: **Mobile Phone Sensing as a Resource for Contextualized Urban Public Policies**

3. Christopher Wiig

DNV-GL, Norway

Topic: **Digitalization in the energy sector, and the introduction of distributed renewable energy**

4. Francois Fouquet

CTO, DataThings.

<https://www.linkedin.com/in/francois-fouquet/?originalSubdomain=lu>

Topic: **Alva: A ML-powered operational platform for smart grids**

5. Dr. Fikret Sivkariya

German-Turkish Advanced Research Center (GT-ARC), Berlin, Germany

Topic: **Internet of Things**

6. Dr. Ozgu Alay

Simula Metropolitan Center for Digital Engineering, Norway

Topic: **Communication and Energy Aspects of IoT**

7. Dr. Samek Wojciech

Fraunhofer Heinrich Hertz Institute,

Topic: **Explainable Artificial Intelligence – Methods, Applications & Recent Developments**

8. Dr. Jan Kesiser

Technical University of Berlin, Germany

Topic: **5G Tutorial**

9. Dr. Thomas Huhn

Lead Technical Network Architect

Thüringer Netkom

Germany

Topic: **An ISP Perspective on Decentralized Power Quality Monitoring Experiences in Low Voltage Grids**

10. Dr. Ajad Chhatkuli and Dr. Dandapani Paudel

ETH Zurich, Switzerland

Topic: **Optimization and Deep Learning in Computer Vision for Understanding Cities (Lecture + Hands on)**

11. Prof. Roman Vitenberg and Mohammad Hossein Tabatabaei
University of Oslo, Norway
Topic: **Blockchain for Smart Contracts** (Lecture + Hands on)
12. Prof. Magne Jørgensen
Simula Metropolitan Center for Digital Engineering, Norway
Topic: **What makes software development projects successful, and what makes them fail?**
13. Prof. Mario Paolone (Two talks)
EPFL Distributed Electrical Systems Laboratory, Switzerland
<https://desl-pwrs.epfl.ch/>
Topic 1: **Planning and operation of distributed energy storage systems with several application examples**
Topic 2: **Real-time situational awareness of active distribution networks using Phasor Measurement Units.**
14. Dr. Phu Nguyen (Lecture + Tutorial)
SINTEF, Norway
Lecture Topic: For Smart Cities: Bridge the gap from Design to Operation of Trustworthy Smart IoT Systems
Tutorial Topic: ThingML and GeneSIS for programming and deploying smart IoT systems, with a focus on security and privacy
15. Dr. Simone Ferlin
Ericsson Research, Sweden
Topic: **Security and Privacy Concerns in the New End-to-End Encryption Internet Era**
16. Prof. Kai Strunz
Sustainable Electric Networks and Sources of Energy (SENSE) Laboratory, TU Berlin, Germany
Topic: **Renewable Energy**
17. Prof. Julia Kowal
TU Berlin, Germany
Topic: **Energy Storage Systems**
18. Grete Coldvin
Norwegian Smart Grid Center, Norway
Topic: **A longer term perspective on digital energy/digital power**
19. Dr. Amir Safari
Euro Energy Solutions AS, Norway
Topic: **Future Smart Communities and Energy Management Systems**
20. Prof. Poul Heegaard
NTNU, Norway
Topic: **Dependability in interdependent system of systems**

21. Dr. Anish Jindal
Lancaster University, UK
Topic: **Data analytical demand response management schemes in smart grid**

22. Richard Knoll
Siemens, Berlin, Germany
Topic: **eMobility as Part of the Energy System**

23. Katrin Mueller
Siemens, Berlin, Germany
Topic: **Sustainable Infrastructure Choices Meeting Greenhouse Gas Emissions**

24. Beate Lange
Free Hanseatic City of Bremen | Ministry for the Environment, Construction and Transportation
Topics: **Smart City: A City Council Perspective**