

PROGRAM FOR CITIES FINAL CONFERENCE NOVEMBER 9, 2020

TIMESLOT	AGENDA	PRESENTERS
09.00 – 09.05	Welcome & Program	Anne Marie Damgaard, Moderator Henrik Madsen, Project Manager on CITIES
09.05 – 09.30	KEYNOTE: Challenges, status and possibilities	Olivier Corradi, CEO at Tomorrow
09.30 – 09.50	Achievements and recommendations	Henrik Madsen, Professor at DTU Compute and Project Manager on CITIES
09.50	COFFEE BREAK	
10.00 - 10.25	Collaboration Experience between DTU and Korea; including research topic of 'Optimal Operation Strategy of Large-Scale CHP in District Heating System'	Jong-Bae Park, Professor and Head of Research Center for Innovative Electricity Market Technology, Konkuk University, Korea
10.25 – 10.45	Intelligent aggregation and markets	Pierre Pinson, Professor, DTU Elektro and Work Package Manager at CITIES
10.45	COFFEE BREAK	
10.55 – 11.15	Methods for optimal operation and market participation of district heating systems	Daniela Guericke, Assistant Professor at DTU Compute, Work Package Manager on CITIES & Anders Andersen, CTO at EMD International
11.15 – 11.40	Leveraging consumers' flexibility for the provision of ancillary services	Giulia de Zotti, Danish Energy Agency / DTU Compute
11:40 – 12.00	Suggestions for new energy taxes and net tariffs (reports from CITIES Task Force group)	Nina Detlefsen, Chief Analyst, Green Energy, Danish District Heating Association and Jan Hvidbjerg, Lead Analyst, Ørsted
12.00 PM	LUNCH	

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01.00 – 01.20 PM	Data-driven methods for characterizing the dynamics of buildings	Carsten Rode, Professor at DTU Byg and Work Package Manager on CITIES & Christoffer Rasmussen, PhD at DTU Compute
01.20 – 01.40	Clustering of energy consumption for energy planning	Per Sieverts Nielsen, Senior Researcher at DTU Management & Xiufeng Liu, Senior Researcher at DTU Management
01.40 – 02.00	Smart Cooling - Singapore, Grindsted and the future	Dominik Franjo Dominkovic, Postdoc at DTU Compute
02.00 – 02.20	COFFEE BREAK	
02.20 – 02.40	Simulation and planning for the future smart energy system	Karl Sperling, Associate Professor and Work Package Manager on CITIES, Jakob Zinck and Louise Krog Elmegaard Mouritsen, Post Doc, Department for Development and Planning at Aalborg University
02.40 – 03.00	Model predictive control for smart energy systems	John Bagterp Jørgensen, Professor at DTU Compute and Work Package Manager on CITIES
03.00 – 03.25	Flexibility concepts in practice; case study on water towers	Carsten S. Kallesøe, Chief ing., Grundfos and Rune G. Junker, Postdoc at DTU Compute
03.25 – 03.40	COFFEE BREAK	
03.40 – 04.15	Demand response solutions and perspectives	Ben Kroposki, Director, National Renewable Energy Lab, Colorado, US
04.15-04.40	Market Based Mechanisms for Mobilizing Electric Demand Flexibility	Shmuel Oren, Professor, University of Berkeley, California, US and Niclas Brok, PhD student, DTU Compute
04.40 – 04.55	CITIES and what's next	Peter Rathje, CEO, ProjectZero, Sønderborg
04.55 – 05.00	Final remarks and Farewell	Henrik Madsen, Project Manager and Anne Marie Damgaard, Moderator

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