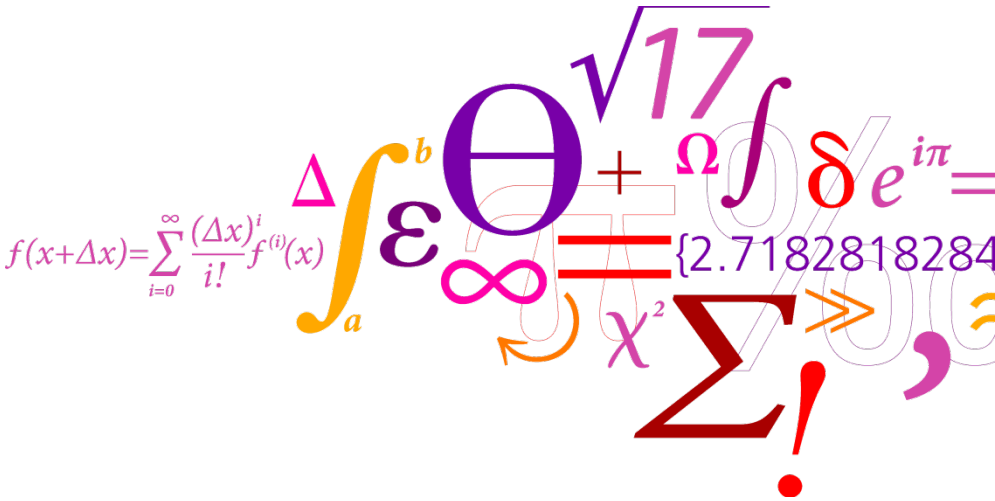
Modeling and Optimization of Heat and Power Systems

Mathematics and Informatics for Intelligent Energy Systems

DTU Lyngby campus, building 101, room s10

12 January 2015



INNOVATIONSNETVÆRKET
SMART ENERGY

Program

9:00-9:05	Welcome
9:05-9:55	**Model Predictive Control for Energy Systems Management** *by Mr. Leo Emil Sokoler, DONG Energy*
	Coffee/tea
10:05-10:55	**Robust Optimization for Contingency-Constrained Models in Power System Operation and Planning** *by Prof. José Manuel Arroyo, UCLM*
	Coffee/tea
11:05-11:55	**Adaptive Robust Optimization for Unit Commitment and Dispatch in Energy Markets** *by Dr. Marco Zugno, DTU Compute*
12:00-13:00	Lunch

Program

13:05-13:55	**Market optimization of Danish distributed CHP-plants across more electricity markets** *by Mr. Anders N. Andersen, EMD.DK*
	Coffee/tea
14:05-14:55	**Optimising heat production and supply temperature for TVIS district heat transmission system** *by Stig B. Mortensen and Henrik Aa. Nielsen, ENFOR A/S*
	Coffee/tea + Cake/snacks
15:15-16:05	**Integrating wind power predictability and locational flexibility in power system balancing** *by Mr. Stefanos Delikaraoglou, DTU Elektro*
16:05-16:30	Final discussion & conclusions