

Tentative Agenda of DTU Summer School 2017

Modern Challenges in Power System Operation and Electricity Market: An Optimization Perspective

June 12-16, 2017

Sunday (June 11)	18 – 21:30 (Location to be determined)
	Reception

Monday (June 12)	DTU Lyngby Campus							
	9 – 10:45	10:45 – 11	11 – 12:45	12:45 – 14	14 – 15:45	15:45 – 16	16 – 17:45	18:30-21
	Introduction Pierre Pinson (DTU)	Coffee Break	Optimal Power Flow (DC and AC OPF) Spyros Chatzivasileiadis (DTU)	Lunch	Distributed Optimization and Decomposition – Part I Jalal Kazempour (DTU)	Coffee Break	Scenario Generation Methods Pierre Pinson (DTU)	Poster Session (Incl. Dinner)

Tuesday (June 13)	DTU Lyngby Campus							
	9 – 12:30			12:30 – 14	14 – 15:30	15:30 – 16	16 – 17:45	18:00-18:30
	Semi-Definite Programming and AC OPF Convex Relaxation Daniel K. Molzahn (Argonne National Laboratory)			Lunch	Lecture* Benjamin F. Hobbs (The Johns Hopkins University)	Coffee Break	Distributed Optimization and Decomposition – Part II Jalal Kazempour (DTU)	Introduction to Group- Based Projects

* Title of Lecture: Designing Power Markets to Support Optimal Decisions: How Can Our Models Contribute?

Wednesday (June 14)	DTU Riso Campus	
	10 – 13	13 – 20
	Stochastic Programming, Robust Optimization, and Their Applications to Power Systems Kostas Margellos (Oxford University)	Lunch and Social Event

Thursday (June 15)	DTU Lyngby Campus				
	9 – 10:30	10:30 – 10:45	10:45 – 12:45	12:45 – 14	14 – 18
	Game Theory in Electricity Markets Athanasios Papakonstantinou (DTU)	Coffee Break	Game Theory in Renewable Only Electricity Markets Josh A. Taylor (University of Toronto)	Lunch	Group-Based Projects

Friday (June 16)	DTU Lyngby Campus				
	9 – 12	12 – 12:30	12:30– 14	14 – 16	16-17
	Group-Based Projects	Introduction to MOSEK	Lunch	Peer-to-Peer Review Session Among Groups	Concluding Session Pierre Pinson (DTU)

Deadline for completing and submitting the group-based projects: June 29, 2017.