

DTU Summer School 2018: Modern Optimization in Energy Systems

June 25-29, 2018

June 24 (Sunday)	18:30 – 21:30 (Danhostel Copenhagen City*)
	Reception

* Address: H.C. Andersens Boulevard 50, 1553 Copenhagen V.

June 25 (Monday)	DTU Lyngby Campus, Building 329A, Room 120							
	9:00 – 9:30	9:30 – 12:30	12:30 – 13:45	13:45 – 15:15	15:15 – 15:30	15:30 - 17:00	17:00 - 19:00	19:00
	Introduction Pierre Pinson (DTU)	Introduction to Optimization in Energy Miguel Anjos (Polytechnique Montréal)	Lunch	Introduction to DC- and AC-OPF Spyros Chatzivasileiadis (DTU)	Coffee Break	Introduction to Convex Relaxation of AC-OPF	Poster Session Athanasios Papakonstantinou (DTU)	Dinner

June 26 (Tuesday)	DTU Lyngby Campus, Building 329A, Room 120		
	9:00 – 12:30	12:30 – 14:00	14:00 – 17:30
	Data-driven and Distributionally Robust Optimization and Applications Daniel Kuhn (EPFL)	Lunch	Convex Relaxation and Applications Pascal van Hentenryck (University of Michigan)

June 27 (Wednesday)	DTU Risø Campus, Niels Bohr Auditorium	
	10:00 – 13:00	13:00 – 17:30
	Optimization, Inference and Learning for Integrated Energy Systems Misha Chertkov (Los Alamos National Laboratory)	Lunch and Social Event

June 28 (Thursday)	DTU Lyngby Campus, Building 329A, Room 120				
	9:00 – 10:30	10:30 – 10:45	10:45 – 12:15	12:15 – 13:30	13:30 – 17:30
	Consumer-centric Electricity Markets Pierre Pinson (DTU)	Coffee Break	Electricity Markets with Renewables Jalal Kazempour (DTU)	Lunch	Group-based Project

June 29 (Friday)	DTU Lyngby Campus, Building 329A, Room 120				
	9:00 – 12:00	12:00 – 15:00	15:00 – 16:30	16:30 – 16:45	16:45 – 17:30
	Game-theoretic Models in Energy Systems and Control Maryam Kamgarpour (ETH Zurich)	Group-based Project (and Lunch)	Round-table Discussions on Group-based Projects Athanasios Papakonstantinou (DTU)	Coffee Break	Concluding Session Jalal Kazempour (DTU)

Deadline for completing and submitting the group-based project: August 20, 2018