

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.

		DTU Lyngby Campus								
		8:30 – 9:00	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
		B341 R22	B341 R22	B341 R22	B329A	B341 R22	B341	B341 R22	329A	329A
June 25 (Monday)	Breakfast	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 Spyros Chatziva- sileiadis (DTU)	Poster Session Athanasios Papakonstantinou (DTU)	Dinner	
		DTU Lyngby Campus								
		8:30 – 9:00	9:00 – 12:30			12:30 – 14:00	14:00 – 17:30			
		B341 R22	B341 R22			B329A	B341 R22			
June 26 (Tuesday)	Breakfast	Data-driven and Distributionally Robust Optimization and Applications Daniel Kuhn (EPFL)			Lunch	Convex Relaxation and Applications Pascal van Hentenryck (University of Michigan)				

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		DTU Risø Campus, Niels Bohr Auditorium					
June 27 (Wednesday)	9:30 – 10:00	10:00 – 13:00			13:00 – 17:30		
	Breakfast	Optimization, Inference and Learning for Integrated Energy Systems Misha Chertkov (Los Alamos National Laboratory)			Lunch and Social Event		
		DTU Lyngby Campus					
June 28 (Thursday)	8:30 – 9:00	9:00 – 10:30	10:30 – 10:45	10:45 – 12:15	12:15 – 13:30	13:30 – 17:30	
	B341 R22	B341 R22	B341	B341 R22	B329A	B329A R120	
Breakfast	Consumer-centric Electricity Markets Pierre Pinson (DTU)	Coffee Break	Electricity Markets with Renewables Jalal Kazempour (DTU)	Lunch	Group-based Project		
		DTU Lyngby Campus					
June 29 (Friday)	8:30 – 9:00	9:00 – 12:00	12:00 – 15:00	15:00 – 16:30	16:30 – 16:45	16:45 – 17:30	
	B341 R22	B341 R22	B329A R120	B329A R120	B329A R120	B329A R120	
Breakfast	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