

DTU Summer School 2022:

Advanced Optimization, Learning and Game-Theoretic Models in Energy Systems



June 19-24, 2022

June 19 (Sunday)	18:30 – 21:30 (Danhostel Copenhagen City*)
	Reception

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

	DTU Lyngby Campus – Building TBD, Room TBD						
	8:30 – 9:00	9:00 – 9:45	10:00 – 11:45 (with a 15-min coffee break in between)	12:00 – 14:00	14:00 – 14:45	15:00 – 18:30	19:00
June 20 (Monday)	Breakfast	Introduction	<p><u>Keynote Talk</u></p> <p>Machine Learning: State-of-the-art and Applications to Renewable Energy</p> <p>Shie Mannor (Technion)</p>	Lunch	<p><u>Keynote Talk</u></p> <p>Machine Learning: State-of-the-art and Applications to Renewable Energy</p> <p>Shie Mannor (Technion)</p>	Poster Session	Dinner

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8:30 – 9:00		9:00 – 9:20	9:30 – 12:00 (with a 15-min coffee break in between)		12:00 – 14:00	14:00 – 14:30	14:45 – 17:15 (with a 15-min coffee break in between)
June 21 (Tuesday)		Breakfast	Recap	Learning in Games Sergio Grammatico (TU Delft)	Lunch	Presentation of best Poster 1	Physics-informed and Risk-aware Machine Learning in Power Systems Hao Zhu (University of Texas at Austin)
		DTU Risø Campus – Building TBD, Room TBD					
9:30 – 10:00		10:00 – 10:20	10:30 – 13:00 (with a 15-min coffee break in between)		13:00 – 20:30		
June 22 (Wednesday)		Breakfast	Recap	Market Design for Integrated Energy Systems Jalal Kazempour (DTU)	Lunch and Social Event		

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June 23 (Thursday)	Breakfast	Recap	Stochastic Programming Applications to Power System Operation and Investment Trine Boomsma (University of Copenhagen)	Lunch	Presentation of best Poster 2	Trustworthy AI for Power Systems Spyros Chatzivasileiadis (DTU)
	DTU Lyngby Campus – Building TBD, Room TBD					
	8:30 – 9:00	9:00 – 9:20	9:30 – 12:00 (with a 15-min coffee break in between)	12:00 – 14:00	14:00 – 15:00	
June 24 (Friday)	Breakfast	Recap	Data Markets for Energy Pierre Pinson (DTU)	Lunch	Conclusion	
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