

DTU PES Summer School 2026

May 17 (Sunday) – May 23 (Friday)

	Monday DTU Lyngby	Tuesday DTU Lyngby	Wednesday DTU Risø	Thursday DTU Lyngby	Friday DTU Lyngby	
9 :00	Introduction	Excellence Scholarship Presentation	Transport	Best Poster Presentation I	Best Poster Presentation II	
9 :30	Keynote Towards Interpretable Models and Human-AI Integration in Energy Systems Ricardo Bessa	Lecture Power System Stability with High Shares of Grid-forming and Grid-following Inverters (1/2) Sijia Geng	Bus from Copenhagen Central Station to DTU Risø Campus	Lecture Cracking the Complexity Barrier : Towards Exact Data Aggregation for High-Performance Energy System Models (1/2) Sonja Wogrin	Lecture Cyber-Physical Security in Energy Systems (1/2) Henrik Sandberg	
10 :00		Coffee break	Lecture Market Design and Risk Allocation for Renewables : Contracts-for-Difference and Beyond (1/2) Lena Kitzing	Coffee break	Coffee break	
10 :30						
11 :00		Coffee break				
11 :30	Industry Keynote A Balancing Philosophy Fit for 100% Renewables ? Thomas Dalgas	Lecture Power System Stability with High Shares of Grid-forming and Grid-following Inverters (2/2) Sijia Geng	Coffee break	Lecture Cracking the Complexity Barrier : Towards Exact Data Aggregation for High-Performance Energy System Models (2/2) Sonja Wogrin	Lecture Cyber-Physical Security in Energy Systems (2/2) Henrick Sandberg	
12 :00			Lecture Market Design and Risk Allocation for Renewables : Contracts-for-Difference and Beyond (2/2) Lena Kitzing			
12 :30	Lunch	Lunch	Lunch	Lunch	Lunch	
13 :00						
13 :30	Keynote Integrated AI-based Climate Modeling and Stochastic Optimization to Design and Operate Economic, Flexible and Resilient Large-scale Energy Systems Luiz Barroso	Lecture Rethinking Power System Dynamics with Machine Learning J. Vorwerk & S. Chatzivasileiadis	Lunch	Lecture Online Learning in Games of Competition (1/2) Martin Bichler	Conclusion	
14 :00		Coffee break		Coffee break		
14 :30		Lecture Can Machine Learning Help Secure Power Systems ? (1/2) Panagiotis Papadopoulos			Lab Visits DTU Risø Campus - Syllab and Hybrid Power Plant	Lecture Online Learning in Games of Competition (2/2) Martin Bichler
15 :00				Coffee break		
15 :30	Poster Session	Coffee break	Coffee break			
16 :00						
16 :30	Coffee break	Lecture Can Machine Learning Help Secure Power Systems ? (2/2) Panagiotis Papadopoulos	Transport Bus from DTU Risø Campus to Copenhagen Central Station	Lecture Learning and Market Design for Prosumers in Energy Communities L. Mitridati & J. Kazempour		
17 :00	Poster Session					
17 :30						

Note : A welcome reception will take place on Sunday, 17 May, from 18 :00 to 20 :00 in central Copenhagen.