DTU PES Summer School 2026

May 17 (Sunday) – May 22 (Friday)

	Monday DTU Lyngby, B306, Aud. 33	**Tuesday** DTU Lyngby, B306, Aud. 33	**Wednesday** DTU Risø, B112, Aud. Niels Bohr	**Thursday** DTU Lyngby, B306, Aud. 33	**Friday** DTU Lyngby, B306, Aud. 33
9 :00	**Introduction**	**Excellence Scholarship Presentations**	**Transport** *Bus from Copenhagen Bus Terminal to DTU Risø Campus*	**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**		**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					
10 :30			**Lecture** *Market Design and Risk Allocation for Renewables : Contracts-for-Difference and Beyond (1/2)* **Lena Kitzing**		
11 :00	**Coffee break**	**Coffee break**		**Coffee break**	**Coffee break**
11 :30		**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	**Industry Keynote** *A Balancing Philosophy Fit for 100% Renewables ?* **Thomas Dalgas**		**Lecture** *Market Design and Risk Allocation for Renewables : Contracts-for-Difference and Beyond (2/2)* **Lena Kitzing**		
12 :30					
13 :00	**Lunch**	**Lunch**		**Lunch**	**Lunch**
13 :30			**Lunch**		
14 :00	**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**		**Lecture** *Online Learning in Games of Competition (1/2)* **Martin Bichler**	**Conclusion**
14 :30		**Coffee break**	**Lab Visits** *DTU Risø Campus - Syslab and Hybrid Power Plant*		**Friday Bar**
15 :00	**Coffee break**	**Lecture** *Can Machine Learning Help Secure Power Systems ? (1/2)* **Panagiotis Papadopoulos**		**Coffee break**	
15 :30	**Poster Session**			**Lecture** *Online Learning in Games of Competition (2/2)* **Martin Bichler**	
16 :00		**Coffee break**	**Transport** *Bus from DTU Risø Campus to the Social Event at Tivoli, in Copenhagen*		
16 :30	**Coffee break**	**Lecture** *Can Machine Learning Help Secure Power Systems ? (2/2)* **Panagiotis Papadopoulos**		**Coffee break**	
17 :00	**Poster Session**			**Lecture** *Learning and Market Design for Prosumers in Energy Communities* **L. Mitridati & J. Kazempour**	
17 :30					

Note : A welcome reception will take place on Sunday, 17 May, from 17 :00 to 19 :30 at Nærvær, in central Copenhagen.