

LAUREE MAGISTRALI IN ENERGY ENGINEERING

Aula Magna di Ingegneria - Via L. Loredan, 20 – Padova

10 luglio 2026, ore 9.00

Laureandi

N.	Laureando	Relatore	Titolo tesi	Ora
1	ALINEZHADSHIRAZI MEHDI	Alberto BENATO	Thermodynamic optimization of regenerative organic Rankine cycles using particle swarm optimization	9.00
2	BEZZO GIOVANNI	Andrea LAZZARETTO	The impact of EURO-CORDEX climate projections on the robustness of multi-energy system design	
3	BIZZOTTO MARTINO	Emanuele SARTORI	Experimental study of cesium-surface interactions in vacuum conditions for applications in negative ion sources	
4	BOUDIHAJ YASMINE	Massimiliano COPPO	Balancing REC self-consumption and DSO grid constraints through integrated power flow optimization	
<i>Proclamazioni</i>				10.00
5	CARRARO AVENTI LUIGI	Anna STOPPATO	Study of the dynamic behaviour of an integrated energy storage system through numerical simulations in Aspen Plus Dynamics	10.10
6	DONEGA TOMMASO	Giuseppe ZOLLINO	Time aggregated method based on clustering applied to energy scenario optimization	
7	FADAEI SHOHREH	Andrea LAZZARETTO	Data-driven models for power prediction in wind farms	
8	FREGONESE RICCARDO	Sergio RECH	A MILP approach for the performance comparison between a conventional and a hybrid waterbus	
<i>Proclamazioni</i>				11.10
9	GHAHREMANI GHAZALEH	Andrea LAZZARETTO	A machine-learning framework for stack voltage prediction in anion exchange membrane water electrolyzers	11.20
10	POLETTO PIETRO	Giorgio PAVESI	Rotor blade optimization for sub-200 kW wind turbines	
11	TOSO MARCO	Anna STOPPATO	Deep decarbonization of petrochemical refining: thermodynamic simulation of SMR-SOEC integration at the Gravenchon platform	
12	ZHANG TIANROU	Simone MANCIN	Comparison between enthalpy-porosity and anisotropic methods for phase change materials in domestic water systems	
<i>Proclamazioni</i>				12.20

Sarà consentito l'accesso in aula di max. 20 ospiti per laureando.

Commissione: Prof. Anna STOPPATO (Presidente)

Prof. Massimiliano COPPO, Prof. Andrea LAZZARETTO, Prof. Simone MANCIN, Prof. Giuseppe ZOLLINO

Altri relatori: Prof. Alberto BENATO, Prof. Giorgio PAVESI, Prof. Sergio RECH, Prof. Emanuele SARTORI

Si avvisa la Commissione che la riunione preparatoria si terrà lo stesso giorno alle ore 8.30 nella saletta riunioni retrostante l'Aula Magna.