LAUREE MAGISTRALI IN ENERGY ENGINEERING

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

24 aprile 2026, ore 14.00

Laureandi

N.	*Laureando*	*Relatore*	*Titolo tesi*	*Ora*
1	BABY ELDHO	Anna STOPPATO	The utilization of cardanol, obtained from cashew nutshells, for the synthesis of renewable surfactants	14.00
2	BASTIANELLO FILIPPO	Giorgio PAVESI	Application of machine learning techniques for performance prediction and optimization of a double-suction centrifugal pump	
3	BELAYNEH LIDET WULETAW	Giorgio PAVESI	Influence of control mechanisms on the performance map of centrifugal compressors	
4	BERTACCHE NICOLA	Anna STOPPATO	Experimental characterization and design of a brazed plate heat exchanger	
Proclamazioni				15.00
5	BETTIOL LORENZO	Stefano BORTOLIN	Two-phase heat transfer solutions for advanced thermal management in industrial and space applications	15.10
6	CODREANU ALINA	Giorgio PAVESI	Grid integration of offshore wind farms: comparative analysis of HVAC and HVDC export systems	
7	LAIJI ARDALAN	Anna STOPPATO	Techno-economic analysis of real-world photovoltaic systems: a case study of two Italian PV plants	
8	MANCA ALEX	Anna STOPPATO	Automation of the BIM to BEM: workflow for annual hourly building energy simulation and system design optimization	
Proclamazioni				16.10
9	MUNARI DARIO	Marco AZZOLIN	Comparative analysis of performance and life cycle environmental footprint of a reversible heat pump working with R32 and R290	16.20
10	NASIR ABDUL MATEEN	Stefano BORTOLIN	Theoretical and experimental study on heat and mass transfer of H_2O/LiBr falling-film absorber	
11	OTTAVIAN MATTEO	Marco TANCON	Towards dropwise condensation of low surface tension fluids: evaluation of the contact angles and design of a new test section for heat transfer measurements	
12	RAKHIMOV SAIDAMIN NODIROVICH	Anna STOPPATO	Modelling and optimization of compressed air energy storage integrated with thermal energy storage	
Proclamazioni				17.20
13	RAVAZZOLO MARGHERITA	Marco AZZOLIN	Feasibility study for the design of a reversible air-to-air rooftop heat pump compliant with the new F-gas regulation	17.30
14	RIATTO ELIA	Marco AZZOLIN	Experimental study of two-phase heat transfer with R1234ze(E) inside a brazed plate heat exchanger	
15	VELLERE GIOVANNI	Marco TANCON	Dropwise condensation from flowing humid air: an experimental study on the relation between heat transfer and droplet population	
16	ZAMBON ANDREA	Giorgio PAVESI	Stator element design investigation for in-pipe applications of a H-Darrieus hydrokinetic turbine	
Proclamazioni				18.30

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

Commissione: Prof. Giorgio PAVESI (Presidente)

Ing. Marco AZZOLIN, Prof. Stefano BORTOLIN, Ing. Marco TANCON, Ing. Tingyun YIN

Si avvisa la Commissione che la riunione preparatoria si terrà lo stesso giorno alle ore 13.30 nella saletta riunioni retrostante l'Aula Magna.