

LAUREE MAGISTRALI IN ENERGY ENGINEERING

Aula Magna di Ingegneria - Via L. Loredan, 20 - Padova - 15 aprile 2025, ore 14.00

Laureandi

N.	Laureando	Relatore	Titolo tesi	Ora
1	CREMA SAVERIO	Andrea DIANI	Experimental and numerical investigation of pillow-plate condensers for heat pump applications	14.00
2	DALLA MUTTA ETTORE	Andrea LAZZARETTO	MILP framework for integrating seasonal thermal storage in energy hubs: economic and performance optimization	
3	HANIF NADIA	Arianna BERTO	Assessment and optimization of design parameters for agrivoltaic systems	
4	KEU MARKUS EDISON	Lidia PIRON	Dynamics in plasmas with high wave intensity	
<i>Proclamazioni</i>				15.00
5	KURSES MUSTAFA	Marco AZZOLIN	Comparative analysis of heating and cooling solutions for residential use: energy, environmental and economic perspectives	15.10
6	MINTO LORENZO	Michele DE CARLI	Digitalisation of the urban energy sector: analysis and roadmap for the decarbonisation and development of a PED in the Industrial Area of Padova	
7	MOKARAM RAFTARI ALIAKBAR	Michele DE CARLI	Modeling and calibration of KTH testbed	
8	MUSA HUSSEIN MUSA HASSAN	Michele DE CARLI	Modelling of heat pumps installed in multi-family buildings for space heating and domestic hot water	
<i>Proclamazioni</i>				16.10
9	NICOLINI THOMAS	Andrea LAZZARETTO	Energy and economics in the green hydrogen production chain considering uncertainties	16.20
10	POBONI PIETRO	Michele DE CARLI	Tuning a Dual Source Heat Pump model in TRNSYS versus monitored data from the GEO4CIVHIC case study in Malta	
11	RAJAEI SHAGHAYEGH	Angelo ZARRELLA	Economic assessment on the real renovation costs of buildings energy retrofit in Italy: a workflow to define independent investment expenses	
12	ROMAN ALVARADO EVELIA	Angelo ZARRELLA	Development of a mixed-use urban district: feasibility study of a hydronic loop system to cover the masterplan heating and cooling demand	
<i>Proclamazioni</i>				17.20
13	STAFFETTI MARCO	Arturo LORENZONI	Energy and economic analysis of replacing a boiler with a heat pump in a Kindergarten in Padua	17.30
14	VILLAN SIMONE	Michele DE CARLI	Study and sensitivity analysis of the performance of a high-temperature heat pump: comparison of theoretical model and experimental data	
15	WANG PENG	Marco AZZOLIN	Numerical analysis of a carbon dioxide heat pump working with three heat sources	
<i>Proclamazioni</i>				18.15

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

Commissione: Prof. Giuseppe ZOLLINO (Presidente)

Prof. Michele DE CARLI, Ing. Andrea DIANI, Prof. Andrea LAZZARETTO, Prof. Angelo ZARRELLA

Altri relatori: Ing. Marco AZZOLIN, Ing. Arianna BERTO, Prof. Arturo LORENZONI, Prof. Lidia PIRON

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