

LAUREE MAGISTRALI IN ENERGY ENGINEERING

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

9 dicembre 2025, ore 9.00

Laureandi

N.	Laureando	Relatore	Titolo tesi	Ora
1	ADWAN MARYAM (M. B.) SALEH	Andrea DIANI	Analysis of R515B condensing in microfin tubes at multiple inclinations	9.00
2	ARABSHAHI OMIDREZA	Michele DE CARLI	Analysis of cooling energy demand in naturally ventilated social houses in Vigonza	
3	BOSCOLO CONTADIN ELIA	Arianna BERTO	Ray-tracing-based numerical study of direct absorption solar collectors with carbon nanofluids	
4	CARLESSO ALESSANDRO	Marco AZZOLIN	Experimental analysis and numerical simulations of a heat recovery unit working with propane and R32	
Proclamazioni				10.00
5	ENTEZARY MOHSEN	Arturo LORENZONI	Integrated approaches to demand side management and energy security	10.10
6	MORO MATTEO	Michele DE CARLI	CFD analysis for energy demand mitigation and efficiency improvement; hot and cold aisle containment solutions for an air-cooled data centre	
7	PACCHIN ENRICO	Andrea TROVÒ	Solution Energy Machine: ciclo frigorifero innovativo ad effetto calorico ionico con soluzione a concentrazione variabile	
8	PAGIARO NICOLO'	Marco AZZOLIN	Theoretical and experimental analysis of a direct expansion unit prototype using CO ₂ and a CO ₂ -DME mixture for Data Center applications	
Proclamazioni				11.10
9	PAKDAMAN AMIRREZA	Marco AZZOLIN	Modeling and experiments on a high-temperature heat pump for district heating using Data Center waste heat	11.20
10	PAROLIN ALBERTO	Arianna BERTO	Design and performance analysis of a latent thermal storage system with erythritol for concentrated solar thermal systems	
11	SARTORE ANDREA	Giorgio PAVESI	CFD optimization of an in-pipe H-Darrieus pico water turbine for energy harvesting applications	
Proclamazioni				12.05

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

Commissione: Prof. Arturo LORENZONI (Presidente)

Ing. Marco AZZOLIN, Ing. Arianna BERTO, Prof. Andrea DIANI, Ing. Andrea TROVÒ

Altri relatori: Prof. Michele DE CARLI, Prof. Giorgio PAVESI

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