

LAUREE MAGISTRALI IN ENERGY ENGINEERING

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

9 settembre 2025, ore 9.00

Laureandi

N.	Laureando	Relatore	Titolo tesi	Ora
1	BERNARDONI FILIPPO	Arturo LORENZONI	A method to integrate routing costs into the design of district heating networks	9.00
2	CASARIN FABIO	Marco AZZOLIN	Experimental investigation of contact angles of low surface tension fluids	
3	HEIBATIGOUJANI MOHAMMAD	Giorgio PAVESI	Preliminary design and evaluation of active flow control in turbines for an air-cathode supply system of a fuel cell driven aircraft	
Proclamazioni				9.45
4	KHAN BURHAN AHMED	Arturo LORENZONI	A Life Cycle Asset Management strategic approach to optimize the value of pumped storage plants	9.55
5	MELESHKIN DENIS	Andrea DIANI	Numerical investigation on the use of twisted tape turbulators for water single-phase forced convection	
6	MIRZAAKHMEDOV JALOLIDDIN MIRFAYOZ UGLI	Anna STOPPATO	Modeling and optimization of Compressed Air Energy Storage (CAES) integrated with renewable energy sources and coupled Thermal Energy Storage (TES)	
Proclamazioni				10.40
7	SALIMI ALI	Anna STOPPATO	Optimization, sizing and simulation of hybrid energy systems for heating demand: integrating heat pumps, boilers and photovoltaic panels	10.50
8	TOSO SOPHIE	Giuseppe ZOLLINO	Radioisotope thermoelectric generators and the role of MOX-fueled lead-cooled fast reactors in isotope supply: a literature review and production analysis	
9	VAGHELA MAHAVIR GORDHANBHAI	Stefano BORTOLIN	Commissioning and reconstruction of a H ₂ O/LiBr falling-film absorber for the analysis of the effect of additives on the heat and mass transfer	
Proclamazioni				11.35

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

Commissione: Prof. Anna STOPPATO (Presidente)

Ing. Marco AZZOLIN, Ing. Arianna BERTO, Prof. Arturo LORENZONI, Prof. Giuseppe ZOLLINO

Altri relatori: Prof. Stefano BORTOLIN, Prof. Andrea DIANI, 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.