

LAUREE MAGISTRALI IN INGEGNERIA ENERGETICA

LAUREE MAGISTRALI IN ENERGY ENGINEERING

Aula Magna di Ingegneria - Via L. Loredan, 20 – Padova - 23 aprile 2024, ore 14.30

Laureandi in Ingegneria Energetica

N.	Laureando	Relatore	Titolo tesi	Ora
1	BANO GIANMARCO	Angelo ZARRELLA	Analisi energetica degli edifici a livello urbano: il caso studio della città di Padova	14.30
<i>Proclamazioni</i>				14.45

Laureandi in Energy Engineering

N.	Laureando	Relatore	Titolo tesi	Ora
1	AKBARI ALIREZA	Anna STOPPATO	Numerical simulation of CO ₂ reduction to carbon monoxide in an electrochemical cell	14.50
2	CASTELLI PAOLO	Anna STOPPATO	Electrification and energy optimization of processes in paper production	
3	CESTONE ALESSANDRO	Jacopo VIVIAN	Energy flexibility quantification of a typical Danish single-family house	
4	ELHAREER MOHANAD ALAMIN MOHAMED	Anna STOPPATO	Designing of a solar water pumping system in Sudan	
<i>Proclamazioni</i>				15.50
5	FAVATÀ MARCO	Anna STOPPATO	A Comparative Computational Fluid Dynamics (CFD) study of wave-induced motions and loads on floating offshore wind turbine platforms with Moonpools	16.00
6	K C RAMESH	Anna STOPPATO	Design and optimization of desalination plant with the use of renewable energy sources and energy storage	
7	LECCHI ALESSANDRO	Anna STOPPATO	Dynamic simulation of an integrated thermal electricity storage system using Aspen Plus Dynamics	
8	LOGHMANNIA PEYMAN	Stefano BORTOLIN	Study of the effect of surface characteristics during boiling heat transfer with propane on stainless steel tubes	
<i>Proclamazioni</i>				17.00
9	LUCARDA SAMUELE	Jacopo VIVIAN	Techno-economical analysis of different heat pump-based solutions for the energy retrofit of an existing residential building	17.10
10	NAIZGHI MAEL TEFABRHAN	Anna STOPPATO	Hydrogen strategy between North Africa and Europe	
11	NOSRAT TAJODDIN YASAMAN	Andrea LAZZARETTO	Integrated modeling and optimization for environmental and social sustainability in multi-energy systems	
12	PEGORARO STEFANO	Anna STOPPATO	Technical and legislative developments of agrivoltaic systems: techno-economic analysis of a case study	
13	VANZETTO NICOLÒ	Angelo ZARRELLA	Energy and comfort analysis of building energy models: comparison between an early design simplified tool and a detailed approach	
<i>Proclamazioni</i>				18.25

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

Commissione: Prof. Anna STOPPATO (Presidente)

Prof. Stefano BORTOLIN, Prof. Andrea LAZZARETTO, Ing. Jacopo VIVIAN, Prof. Angelo ZARRELLA

Si avvisa la Commissione che la riunione preparatoria si terrà lo stesso giorno alle ore 14.00 nella saletta riunioni retrostante l'Aula Magna.