LAUREE MAGISTRALI IN ENERGY ENGINEERING

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

24 aprile 2026, ore 9.00

Laureandi

N.	*Laureando*	*Relatore*	*Titolo tesi*	*Ora*
1	ARFAOUI WAEL	Michele DE CARLI	Energy performance assessment of a renovated laboratory building	9.00
2	ARSLAN ALI	Arturo LORENZONI	Techno-economic analysis of BESS integration for the revamping of a 3.0 MW photovoltaic plant	
3	BOSCOLO JACOPO	Michele DE CARLI	Monitoring and dynamic energy simulations of cattle barns with envelope-embedded agricultural by-products	
4	BOSCOLO CONTADIN ELIA	Arianna BERTO	Ray-tracing-based numerical study of direct absorption solar collectors with carbon nanofluids	
			Proclamazioni	10.00
5	BOUDIHAJ YASMINE	Massimiliano COPPO	Balancing REC self-consumption and DSO grid constraints through integrated power flow optimization	10.10
6	CHAPALAGHI MASOUMEH	Arianna BERTO	Experimental and numerical study of a PCM-based finned tube heat exchanger for thermal energy storage	
7	DANIBAY MEREY	Michele DE CARLI	Towards accurate simulation of multipurpose buildings for urban building energy modeling: a study on the special case of two-purpose buildings	
8	FALESCHINI MARCO	Michele DE CARLI	Critical review of literature tests for defining comfort conditions in outdoor environment in warm conditions	
			Proclamazioni	11.10
9	GIULIANO ANDREA	Michele DE CARLI	Comparative energy and comfort analysis of radiant floor versus all-air heating systems in a climate-controlled room	11.20
10	LUGATO ILARIA	Paolo BETTINI	Optimization of model-based error field correction in tokamaks	
11	NICOLETTO RICCARDO	Arturo LORENZONI	Techno-economic assessment of GSHP systems for large-scale sports facilities: an integrated approach via long-term dynamic simulation and soil thermal balance analysis of “Bosco dello Sport” stadium in Venice	
12	PALMIERI RICCARDO	Michele DE CARLI	BIM-based HVAC system design for a new indoor sports arena: a real case study	
			Proclamazioni	12.20
13	POZZAN PIETRO	Gianluca CARRARO	Integrated optimization of power-to-gas and gas-to-power architectures into multi-energy systems	12.30
14	ZANARDO MARCO	Lorenzo SANAVIA	Discrete element method simulation of grass cutting: characterization and calibration of mechanical parameters	
15	ZANZOTTO ALBERTO	Arianna BERTO	Comparative numerical assessment of a hybrid air-liquid cooling unit: impact of different refrigerants and climatic conditions	
			Proclamazioni	13.15

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

Commissione: Prof. Michele DE CARLI (Presidente)

Ing. Arianna BERTO, Ing. Gianluca CARRARO, Prof. Massimiliano COPPO, Prof. Arturo LORENZONI

Altri relatori: Prof. Paolo BETTINI, Prof. Lorenzo SANAVIA

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