

# LAUREE MAGISTRALI IN ENERGY ENGINEERING

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

6 ottobre 2026, ore 9.00

## Laureandi/e in Energy Engineering

| N.            | Laureando/a                    | Relatore          | Titolo tesi                                                                                                                                                       | Ora   |
|---------------|--------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1             | BASSAN LUCA                    | Anna STOPPATO     | Evaluation of final energy demand for heating and cooling in buildings under different climatic conditions: A predictive tool based on Artificial Neural Networks | 9.00  |
| 2             | GHAHREMANI GHAZALEH            | Andrea LAZZARETTO | A machine-learning framework for stack voltage prediction in anion exchange membrane water electrolyzers                                                          |       |
| 3             | KARAOSMAN BEYZA AYKA           | Jacopo VIVIAN     | Flexibility Audit for the characterization of buildings and the valorization of energy flexibility through heat pumps                                             |       |
| Proclamazioni |                                |                   |                                                                                                                                                                   | 9.45  |
| 4             | PEZ TOMMASO                    | Anna STOPPATO     | Life Cycle Assessment (LCA) of a polyethylene recreational electric boat                                                                                          | 9.55  |
| 5             | SCALCO MATTEO                  | Giorgio PAVESI    | Implementation of safety systems for a stalled wind turbine                                                                                                       |       |
| 6             | SHALIKAR KOSAR                 | Anna STOPPATO     | Comparative Life Cycle Assessment of lithium-ion, sodium-ion, and solid-state batteries for grid-scale energy storage                                             |       |
| Proclamazioni |                                |                   |                                                                                                                                                                   | 10.40 |
| 7             | SHERALIEV ISLOMBEK GAYRATOVICH | Anna STOPPATO     | Thermal management of electric motors: numerical and experimental analysis of liquid-cooled hollow copper windings                                                | 10.50 |
| 8             | TOSO MARCO                     | Anna STOPPATO     | Deep decarbonization of petrochemical refining: thermodynamic simulation of SMR-SOEC integration at the Gravenchon platform                                       |       |
| 9             | ZOPPOLATO GIULIO               | Giuseppe ZOLLINO  | Multi-objective optimization applied to energy scenarios and power system design                                                                                  |       |
| Proclamazioni |                                |                   |                                                                                                                                                                   | 11.35 |

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

**Commissione:** Prof. Anna STOPPATO (Presidente)

Prof. Andrea LAZZARETTO, Ing. Jacopo VIVIAN, Ing. Tingyun YIN, Prof. Giuseppe ZOLLINO

**Altri relatori:** 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.