



List of Candidates for the Master's Degree in Energy Engineering

July 23rd 2025 - Room 2Q at 9:00 AM

- 9:00 AM – ID **248047**

Thesis title: SIMULATION OF A MEDIUM-SIZE TRIGENERATION SYSTEM IN VARIOUS SCENARIOS

Supervisor: Maurizio Grigante and Alessandro Prada

- 9:20 AM – ID **246111**

Thesis title: PREDICTIVE MODEL FOR ENERGY CONSUMPTION IN RESIDENTIAL BUILDINGS: A CASE STUDY IN TRENTINO

Supervisors: Vittoria Benedetti and Alessandro Prada

- 9:40 AM – ID **246604**

Thesis title: OPTIMAL OPERATION OF A BATTERY STORAGE UNIT IN A RENEWABLE ENERGY COMMUNITY CONSIDERING DEGRADATION AND CAPACITY REVAMPING STRATEGIES

Supervisors: Vincenzo Trovato

- 10:00 AM - ID **247581**

Thesis title: SIMULATION OF THE POTENTIAL OF SMART ENERGY RETROFIT SOLUTIONS APPLIED TO A PUBLIC OFFICE BUILDING IN BOLZANO

Supervisors: Giovanni Pernigotto