



CORTINA D'AMPEZZO
SAN VITO DI CADORE
BORCA DI CADORE



<https://aeit.units.it>



30 June-3 July 2025



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thinktech4dolomites

ETECH4D First IEEE Workshop on Electrical Power Systems and Applications in Mountain and Alpine Contexts

An intensive program offering advanced training, scientific exchange, and practical insight into the electrification of alpine regions. Set in the breathtaking Dolomites at Hotel Boite, the historic former ENI Village envisioned by Enrico Mattei near Cortina d'Ampezzo, the workshop combines theory and simulation to explore the challenges of energy and digital transformation. Participate in interactive sessions, engage with experts from academia, industry, and institutions, and discover the latest technological innovations driving change.



Learning & Innovation

Participate in high-level educational sessions led by top experts in the field, covering key topics in digital energy transformation, smart grids, and intelligent transportation.



Hands-on Experience & Nature

Take part in outdoor activities and technical visits that combine environmental awareness with direct experience of alpine energy systems. Discover how sustainability and innovation come together in the unique setting of the Dolomites and the major sporting events held in Cortina d'Ampezzo.



Policy & Strategy ThinkTech

Take part in simulation sessions and strategic discussions with academics, industry experts, and institutional stakeholders. Examine policy choices, economic assessments, and investment strategies for electrification and regional development.

key topics

- **AlpGrids:** Smart grid and microgrid solutions for alpine villages
- **Mountain Renewables:** Hydropower, biomass, and solar for sustainable energy in mountain areas
- **E-Mobility:** Electric transport, EVs, e-bikes, and charging systems in alpine contexts
- **Sustainable E-Ski:** Electrification of alpine activities—lifts, snowmaking, storage systems

20 scholarships available for eligible university students (age 18+)