

## The MILLENNIUM CLEAN and SUSTAINABLE POWER workshop 2025

September 4 - 5

Università di Genova - Scuola Politecnica

**NEST -Network for Energy Sustainable Transition, and the Low Emission Advanced Power (LEAP) Forum are pleased to announce the joint workshop scheduled for 4 and 5 September 2025, hosted by the University of Genoa – Scuola Politecnica.**

Contributions in the areas of research and development are in synergy with the activities of the NEST Spoke:

- Agro and bio-energy: technologies and demonstration applications (NEST Spoke 3)
- Hydrogen production and storage (NEST Spoke 4)
- Hydrogen transport and use (NEST Spoke 4)
- Advanced high performance fuel cell systems (NEST Spoke 4)
- Electrical and mechanical energy storage systems (NEST Spoke 5)
- Thermal energy storage (NEST Spoke 5)
- High temperature heat pumps (NEST Spoke 5)
- Reversible power cycles and thermo-mechanical energy storage systems (NEST Spoke 5)

"This workshop represents not only the peak of a process of research and collaboration initiated with the PNRR, but above all a starting point for the future of the NEST Foundation. Our goal is to continue to be a strategic innovation ecosystem, capable of bringing together expertise, technology, and vision to drive sustainable energy transition in the years to come. We want to build a solid legacy that will have a lasting impact on the region and the country" says **Gabriella Scapicchio, Director General of NEST Foundation.**

These are the words of Prof. Ingg. **Alberto Traverso and Loredana Magistri** of the University of Genoa: "We are honored to host the 'THE MILLENNIUM CLEAN and SUSTAINABLE POWER' conference at the University of Genoa, at the Polytechnic School, an event that combines advanced research, technological innovation, and a shared vision for a sustainable energy transition. At a crucial moment for the future of energy, the workshop represents a valuable opportunity for the scientific community, industry, and institutions to engage in dialogue on strategic issues with both regional and international geopolitical implications.

As a university, we strongly believe in the role of research and interdisciplinary collaboration in addressing global energy and environmental challenges. We are delighted to actively contribute, together with the NEST network and the LEAP Forum, to an initiative that looks to the future of clean energy with realism and vision."

The workshop will offer an articulated programme with the aim of fostering interdisciplinary dialogue and accelerating technology transfer towards concrete solutions for the sustainable energy transition.

Participation is open to researchers, companies, start-ups, policy makers and students interested in contributing to innovation in the field of clean energy and low-carbon technologies.

*Further details and registration information are available at:*

<https://tpg.unige.eu/nest-leap-2025>

*The programme is available at:*

[https://www.eiomfiere.it/congresso\\_nest\\_leap/pdf/programma.pdf](https://www.eiomfiere.it/congresso_nest_leap/pdf/programma.pdf)

*NEST - Network 4 Energy Sustainable Transition - is one of the 14 large extended partnership projects selected by the Ministry of University and Research (MUR), funded by the European Union - NextGenerationEU - within the framework of Mission 4, Component 2, Investment 1.3 of the PNRR, with the aim of funding basic research projects to strengthen national research chains and promote their participation in strategic European and global value chains.*