

The sustainable transformation in the energy industry

a workshop of the MSCA StoreAGE project

Friday, 10 October 2025

Aula Pedefferri, Dipartimento di Chimica, Materiali e Ingegneria Chimica “G. Natta”,
Politecnico di Milano, Edificio 6, Piazza Leonardo da Vinci 32, Milano.

PROGRAM

9.30-10.00 Welcome

10.00-10.30 *Stefano Passerini (Helmholtz Institute Ulm – Karlsruhe Institute of Technology):*
“Reactive Metals for Long-Term (Seasonal/Annual) Energy Storage”

10.30-11.00 *Omar Perego (Ricerca sul Sistema Energetico – RSE S.p.A):* “Energy Storage technology innovation considering the whole value-chain”

Break

11.30-12.00 *Claudio Carati (Eni S.p.A.-Istituto Donegani):* “Energy Storage and Nuclear Fusion”

12.00-12.30 *Riccardo Ruffo (University of Milano-Bicocca):* “Beyond Standard Lithium Ion: Next Generation Lithium Batteries and Alternative Chemistries”

Lunch break

14.00-14.30 *Nicola Armaroli (Consiglio Nazionale delle Ricerche):* “The Materials Constraints of the Energy Transition: Towards a Circular Economy”

14.30-15.00 *Elia Quartarone (University of Pavia):* “Current challenges, emerging trends and future opportunities for battery recycling”

Break

15.30-16.00 *Silvia Bodoardo (Politecnico of Torino):* “The European Cell Manufacturing Race: Processes, Progress, and Perspectives”

16.00-16.30 *Lino Carnelli (Eni S.p.A.-Istituto Donegani):* “A Concrete Thermal Energy Storage”

16.30- 17.00 Closing remarks and farewell

Link for online attendance: <https://politecnicomilano.webex.com/meet/guido.raos>

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StoreAGE project web site: <https://storeage.eu/>

