UNIVERSITÀ DI TRENTO | Dipartimento di Ingegneria Industriale

15 DECEMBER 2026, 3:30 PM
A 207 ROOM - POLO FERRARI 1

What if a thermoset could hold its shape in use, then be repaired or reshaped when needed?

Vitrimers bring that possibility closer: their associative bond exchange lets covalent links change partners while the network stays connected. **This seminar explores how that chemistry creates a balance between durability and flow, and how researchers can tune it**.

Drawing on epoxy and composite studies, we'll see how catalysts and cross-linker design tune exchange, while fillers and nanoscale architectures can reinforce materials and suppress creep.



Speaker:
Prof. Camilla Noè
Assistant Professor, Politecnico di Torino

Vitrimers: built to last, designed to be recycled

DII SEMINAR

"Departments of Excellence 2023-27" program *(L.232/2016) awarded to the Department of Industrial Engineering*



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