

DiSAT Research Days



Politecnico
di Torino
Dipartimento
di Scienza Applicata
e Tecnologia



9.00 – 18.00
Sala “Emma Strada”

Day One — Jan. 20 Official Timeline

h. 8:45

Welcoming remarks and intro on topics of the day

h. 9:00

“Modelling supramolecular polymerization in chemical gradients” – **Claudio Perego**

h. 9:30

“Leveraging surface chemistry for reliable Surface-Enhanced Raman Spectroscopy (SERS) applications” – **Chiara Deriu**

h. 10:00

“Symmetry principles and geometry in physics of fundamental interactions” – **Lucrezia Ravera**

Coffee Break and Poster Session

h. 11:30

“Heritage conservation at DiSAT?! It-can-work!” – **Dafne Cimino**

h. 12:00

“Enhancing electrolyzer durability through a multiscale strategy: the ELECTROLIFE approach” – **Alessandro Monteverde & Maria Chiara Massaro**

h. 12:30

“The catcher in the light: engineering heterostructures for a greener future” – **Francesca S. Freyria**

Lunch Break

h. 14:00

Power hour – transitioning from academia to business

Coffee Break and Poster Session

h. 15:00

“CO₂Cap project: energy harvesting from carbon dioxide capture.” – **Simone Martellone**

h. 16:30

“NANOBLOC: Innovative antimicrobial coatings for everyday environments” – **Cristina Balagna**

h. 17:00

“Elastic waves in space-time varying media” – **Fabio Nistri**

h. 17:30

Day 1 Closing Remarks