



MERGE

School on “Innovative Catalyst Design”

19–21 November 2025, *Politecnico di Milano*

Wednesday, 19 November SALA GIULIO NATTA, EDIFICIO 6

Morning

- 10:00-11:00: **Tiziano Montini**, University of Trieste – “Fueling a sustainable world with solar light: the role of heterogeneous photocatalysis”
- 11:00-12:00: **Elisa Borfecchia**, University of Turin – “X-ray spectroscopy to understand selective oxidation processes over Cu-based porous catalysts”
- 12:00-13:00: **Tommaso Tabanelli**, University of Bologna – “Innovative catalytic and continuous-flow approaches for the valorisation of ethanol into fuels and chemicals”

13:00–14:00 → *Lunch break*

Afternoon

- 14:00-15:00: **Alberto Naldoni**, University of Turin – “Photocatalysis on plasmonic metal nanostructures”
- 15:00-16:00: **Giovanni Di Liberto**, University of Milan-Bicocca – “Modelling single-atom catalysts”

Thursday, 20 November SALA GIULIO NATTA, EDIFICIO 6

Morning

- 10:00-11:00: **Francesca Arcudi**, University of Padua – “Photocatalysis of acetylene to pure ethylene”
- 11:00-12:00 – **Sergio Tosoni**, University of Milan-Bicocca – “When the surface is the device: insights from DFT calculations”
- 12:00-13:00: **Aristeidis Bakandritsos**, CATRIN, Palacký University Olomouc; CEET, Nanotechnology Centre; Technical University of Ostrava – “Single-atom catalysts for thermal catalysis”

13:00–14:00 → *Lunch break*



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Afternoon

- 14:00-15:00: **Filippo Bossola**, CNR – “Performance enhancement of heterogeneous catalysts: challenges and strategies for sustainable hydrogen and chemical production”
- 15:00-17:00: **Giuseppe Portale**, Groningen University – “Some basics of XAS data fitting”

Friday, 21 November SALA GIULIO NATTA, EDIFICIO 6

Morning

- 9:00-10:00: **Valeria Finelli**, University of Turin – “Exploring C–H bond activation through the development of Cu-functionalized MOFs”
 - 10:00–12:00: Q-PLAN session on soft skills and future opportunities for researchers
- 12:00–13:00 → *Lunch break*



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