



University of Milano - Bicocca
**Ph.D. Course in Chemical, Geological and
Environmental Sciences**
Curriculum in Chemical Sciences



FINAL PHD PRESENTATIONS – XXXVIII CYCLE

Monday, September 15, 2025, from 14:00

Aula U1-04

Andrea Doldi

Designing and testing real-time sensors for
air quality assessment in indoor/outdoor environments

Nicolò Giulini

Organic functional materials for energy conversion and catalysis

Pietro Mariani

Metal oxide-based catalysts for the catalytic
conversion of CO₂ to added-value fuels

Sofia Nizzolo

Lipid nanoparticles as a strategy for the encapsulation of Heparin

Carla Orlando

Molecular Modelling Studies of Enzymes for the
Degradation of Non-Biodegradable and Biodegradable Substrates