

INTERNATIONAL WORKSHOP

Catalysis for carbon neutrality and energy transition

SCIENTIFIC PROGRAM

GENOVA

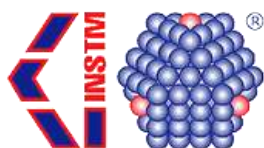
CHIESA DI S. SALVATORE

JUNE 13TH 2023

Under the patronage of:



**Università
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8.30-10.00 Registration

10.00-10.20 Opening Ceremony

10.20-11.00 **Prof. Guido Busca (UNIGE)**

Title: On the perspectives of chemistry, chemical engineering and industrial catalysis in the context of the energetic transition

11.00-11.30 Coffee break

11.30-12.10 **Prof. Marco Daturi (ENSI-Caen, France)**

Title: In situ and operando IR spectroscopy: a powerful tool to design outstanding functional materials

12.10-12.50 **Prof. Daria Vladikova (Bulgarian Academy of Sciences)**

Title: Monolithic Carbon-Free Gas Diffusion Electrode for Secondary Metal-Air Batteries

12.50-13.10 **Prof. Paolo Fornasiero (UNITS)**

Title: Converting CO₂ to valuable products: photo(electro)catalytic strategies for ethylene production within the SUN2CHEM project

13.10-14.50 Lunch

14.50-15.30 **Dr. Rinaldo Psaro (CNR-SCITEC)**

Title: Decarbonization, quo vadis?

15.30-16.10 **Dr. Cecilia Mondelli (ETH Zurich, Switzerland)**

Title: Keeping carbon in the cycle towards meeting the net-zero target

16.10-16.30 Coffee break

16.30-17.10 **Prof. Alessandro Trovarelli (UNIUD)**

Title: Mechanochemistry: an old tool for a new class of catalysts for environmental and energy transition

17.10-17.50 **Prof. Luca Lietti (POLIMI)**

Title: Ru-based Dual Function Materials (DFM) for CO₂ cyclic capture and hydrogenation

17.50 Closing remarks