



February 22nd-23rd, 2023
Perugia

STIBNITE 
STiBNite School

Project Coordinator: Prof. Davide Bonifazi,
University of Vienna, Austria

School Organizer: Prof. Luigi Vaccaro,
University of Perugia, Italy

Participation at the event is free of charge, but registration is required.
To register, please send an e-mail to: luigi.vaccaro@unipg.it



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Scientific Program February 22nd

Sala dei Notari

Morning open session

- 9.30-10.00** Registration and Institutional welcome
- 10.00-10.15:** Introduction and Welcome
Professor Davide Bonifazi
(University of Vienna, Austria)
- 10.15-10.30:** Introduction to Vitality Project
Professor Luca Gammaitoni
(University of Perugia, Italy) 
- 10.30-11.15:** Layman terms explanation of STiBNite to secondary school students and to general audience
Laura Caputo (IT), Miquel Garcia Lleo (IT) and Sumon Basak (EN)
- 11.15-11.30:** BREAK
- 11.30-12.30:** Per non sprecchiare la Tavola Periodica
Professor Margherita Venturi
(University of Bologna, Italy)
- 12.30-14.30:** LUNCH BREAK

Scientific Program February 22nd
Sala dei Notari

Afternoon session (registration is required)

- 14.30-15.30:** Developing Sustainable Routes to Boron-Doped Polymers, Macrocycles, and Polycyclics
Professor Holger Helten
(University of Wuerzburg, Germany)
- 15.30-16.30:** Supramolecular Architectures for Artificial Photosynthesis
Professor Marcella Bonchio
(Università degli Studi di Padova, Italy)
- 16.30-17.00:** COFFEE BREAK
- 17.00-18.00:** Bond Activation and Metal-free Catalysis by Pyridonate and Imidazolonate Boranes
Professor Urs Gellrich
(University of Giessen, Germany)

Scientific Program February 23rd
Sala dei Notari

Morning session (registration is required)

09.00-10.00: Simulations in heterogeneous catalysis
Professor Nuria Lopez
(ICIQ, Spain)

10.00-11.00: Fundamental principles in energy sustainability. An example: Information and Communication devices
Professor Luca Gammaitoni
(Università degli Studi di Perugia, Italy)

11.00-11.30: COFFEE BREAK

11.30-12.30: Non-conventional enabling technologies in catalytic processes
Professor Giancarlo Cravotto
(Università degli Studi di Torino, Italy)

12.30-14.30: LUNCH BREAK

Scientific Program February 23rd

Sala dei Notari

Afternoon session (registration is required)

- 14.30-15.30:** Polymer semiconductors
Professor *Iain McCulloch*
(University of Oxford, UK)
- 15.30-16.30:** Metal halide perovskites: A wonder semiconductor class for photovoltaics
Professor *Filippo De Angelis*
(Università degli Studi di Perugia, Italy)
- 16.30-17.00:** COFFEE BREAK
- 17.00-18.00:** Using 2-D materials in a 3-dimensional world: from nanochemistry to technology applications
Dr. *Vincenzo Palermo*
(ISOF - CNR, Italy)
- 18.00:** Closing Remarks
Professor *Davide Bonifazi*
(University of Vienna, Austria)