

Transforming our Future:
From Biological to Bio-inspired Artificial Systems

PROGRAM – Sunday February 5 th – Friday February 10 th 2023 Bressanone – HOTEL GRÜNER BAUM	
LECTURE TIMING: Speaker Introduction (5 min) – Lecture (50 min) – Open Discussion (20 min)	
Sunday – February 5th	
16:00 – 17:00	Registration
17:15 – 17:30	Welcome from the E-WISPOC Chair and the President of the Italian Chemical Society Introductory Comments by E-WISPOC Scientific Committee
	E-WISPOC Opening Discussion Leader: Gianluca Farinola , University of Bari, Italy
17:30 – 18:45 Opening Lecture	Luisa De Cola , University of Milan, and Istituto Mario Negri, Italy <u>"Nanomedicine: promises, failures, and successes"</u>
19:00 – 20:30	Dinner
20:30 – 21:30	SPECIAL: MEET THE SPEAKER Cristiano Zonta , University of Padova, Italy <u>"Chirality: a journey from Icelandic Spar to confined supramolecular architectures"</u>
Monday – February 6th	
	Bio-inspired Catalysis and Small Molecule Activation Discussion Leader: Massimo Bietti , University of Roma Tor Vergata, Italy
9:00 – 10:15 Lecture 1 –	Oliver Wenger , University of Basel, Switzerland <u>"Photoredox mechanisms and photocatalyst development"</u>
10:15 – 10:45	Coffee Break
10:45 – 12:00 Lecture 2 –	Miquel Costas , University of Girona, Spain <u>"Site and enantioselective oxidation of strong C-H bonds with bioinspired catalysts"</u>
12:00 – 17:30	Lunch/Free Time
17:30 – 18:45 Lecture 3 –	Marc Robert , University of Paris, France <u>"Using electrons and protons to break and make bonds. From fundamental reactivity to the catalytic reduction of CO₂ and N₂"</u>
19:00 – 20:30	Dinner
20:30 – 22:30	SPECIAL: COMMUNICATING SCIENCE Massimo Carnevali , ICT consultant, TEDx Organizer <u>"From the idea to its effective presentation: Stories and experiences from twelve years of TEDx events"</u>

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Tuesday – February 7 th	
	Bio-inspired Catalysis and Light Activation Discussion Leader: Marcella Bonchio , University of Padova, Italy
9:00 – 10:15 Lecture 4 –	Miguel Garcia-Garibay , University of California, USA <i><u>"Photochemistry, photophysics and reactive intermediates in the crystalline solid state"</u></i>
10:15 – 10:45	Coffee Break
10:45 – 12:00 Lecture 5 –	Ken Sakai , Kyushu University, Japan <i><u>"Mechanistic insights into the molecular catalysis of water splitting and CO₂ reduction"</u></i>
12:00 – 17:30	Lunch/Free Time
17:30 – 18:45 Lecture 6 –	Mattia Silvi , University of Nottingham, UK <i><u>"Exploring new avenues in photocatalysis through unconventional radical acceptors"</u></i>
19:00 – 20:30	Dinner
20:30 – 22:30	POSTERS – I session
Wednesday – February 8 th	
	Bio-inspired Functional Nano-systems Discussion Leader: Maurizio Prato CIC BiomaGUNE, Spain, and University of Trieste, Italy
9:00 – 10:15 Lecture 7 –	Luis Liz-Marzan , CIC BiomaGUNE, Spain <i><u>"Growth mechanisms of chiral gold nanorods"</u></i>
10:15 – 10:45	Coffee Break
10:45 – 12:00 Lecture 8 –	Luca Prodi , University of Bologna, Italy <i><u>"Luminescence-based systems for the detection of analytes of biomedical and environmental interest"</u></i>
12:00 – 17:30	Lunch/Free Time
17:30 – 18:45 Lecture 9 –	Anna Painelli , University of Parma, Italy <i><u>"Supramolecular chirality: a gentle introduction"</u></i>
19:00 – 20:30	Dinner
20:30 – 22:30	POSTERS – II session

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Thursday – February 9 th	
	Bio-inspired Sensing and Recognition Platforms Discussion Leader: Francesco Zerbetto , University of Bologna, Italy
9:00 – 10:15 Lecture 10	Enrico Dalcanale , University of Parma, Italy <i><u>“Molecular recognition in biological sensing and materials science: challenges and opportunities”</u></i>
10:15 – 10:45	Coffee Break
10:45 – 12:00 YSS –	YOUNG SCIENTISTS’ SYMPOSIUM Flash Presentations from selected Poster contributions <i>Presentation (8 min) – Open Discussion (2 min)</i> Discussion Leader: Luca Dell’Amico , University of Padova, Italy
12:00 – 17:30	Lunch/Free Time
17:30 – 18:45 YSS –	YOUNG SCIENTISTS’ SYMPOSIUM Flash Presentations from selected Poster contributions <i>Presentation (8 min) – Open Discussion (2 min)</i> Discussion Leader: Luca Dell’Amico , University of Padova, Italy
20:00 – 22:00	Farewell Dinner
Friday – February 10 th	
10:00 – 11:30	Concluding Remarks and Prize Ceremony <ul style="list-style-type: none">- Poster Prize- Presentation Prize Questionnaire