

Transforming our Future:

Emergent Multi-Functional and Complex Systems

PROGRAM – Sunday February 4 th – Friday February 9 th 2024 Bressanone – HOTEL GRÜNER BAUM	
Sunday – February 4th LECTURE TIMING: Speaker Introduction (5 min) – Lecture (50 min) – Open Discussion (20 min)	
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	Maurizio Prato , CIC biomaGUNE, Spain <u>“Functionalization Strategies for Tailoring Nanomaterials”</u>
19:00 – 20:30	Dinner
20:30 – 21:30	SPECIAL: MEET THE SPEAKER Luis M. Liz-Marzán , CIC biomaGUNE, Spain <u>“From Nanoparticles to Artificial Tumors: A Lifetime Twisted Scientific Journey”</u>
Monday – February 5th LECTURE TIMING: Speaker Introduction (5 min) – Lecture (50 min) – Open Discussion (20 min)	
Complexity of Interactions and Bio-Inspired Systems Discussion Leader: Massimo Bietti , University of Rome, Tor Vergata, Italy	
9:00 – 10:15 Lecture 1	Christopher A. Hunter , University of Cambridge, UK <u>“Synthetic Information Molecules”</u>
10:15 – 10:45	Coffee Break
10:45 – 12:00 Lecture 2	Robert Phipps , University of Cambridge, UK <u>“Harnessing Non-Covalent Interactions to Address Selectivity Challenges in Catalysis”</u>
12:00 – 17:30	Lunch/Free Time
17:30 – 18:45 Lecture 3	Ardemis Boghossian , EPFL Lausanne, Switzerland <u>“There's plenty of room at the [Nano-Bio] Boundary”</u>
19:00 – 20:30	Dinner
20:30 – 21:30	SPECIAL: COMMUNICATING SCIENCE Francesco Scarel (SISSA, Trieste, Italy), Zoe Pernici (Agency “mediavisionartists” Founder of “home_shakes”) <u>“Communicate your Research: Essential guidelines for a compelling audiovisual performance + editing tools introducing the 3'V-Pitch Videos@Wis poc Labs”</u>

E-WISPOC 2024

Tuesday – February 6th LECTURE TIMING: Speaker Introduction (5 min) – Lecture (50 min) – Open Discussion (20 min)	
	Complex Mechanisms for Molecular Transformations Discussion Leader: Luisa De Cola , University of Milan, Italy
9:00 – 10:15 Lecture 4	Jonas C. Peters , Caltech, USA <i><u>"Reductive PCET mediators for electro- and photoelectrocatalysis"</u></i>
10:15 – 10:45	Coffee Break
10:45 – 12:00 Lecture 5	Jana Roithová , Radboud Universiteit, Netherlands <i><u>"Mass Spectrometry in Reaction Mechanism Research"</u></i>
12:00 – 15:00	Lunch/Free Time
15:00 – 17:30	OPTIONAL: 3'V-Pitch Videos@Wis poc Labs <i>Francesco Scarel</i> and <i>Zoe Pernici</i>
17:30 – 18:45 Lecture 6	Robert Knowles , University of Princeton, USA <i><u>"Recent Advances in Free Radical Chemistry: Mechanisms and Applications"</u></i>
19:00 – 20:30	Dinner
20:30 – 22:30	POSTER SESSION (I)
Wednesday – February 7th LECTURE TIMING: Speaker Introduction (5 min) – Lecture (50 min) – Open Discussion (20 min)	
	Multi-Functional Materials with Emerging Properties Discussion Leader: Maurizio Prato CIC BiomaGUNE, Spain
9:00 – 10:15 Lecture 7	Paola Manini , University of Naples, Federico II, Italy <i><u>"Emergent sustainable melanin technologies"</u></i>
10:15 – 10:45	Coffee Break
10:45 – 12:00 Lecture 8	Nathan C. Gianneschi , Northwestern University, USA <i><u>"Biomimetic Precision Polymers as Therapeutics"</u></i>
12:00 – 15:00	Lunch/Free Time
15:00 – 17.30	OPTIONAL: 3'V-Pitch Videos@Wis poc Labs <i>Francesco Scarel</i> and <i>Zoe Pernici</i>
17:30 – 18:45 Lecture 9	Valeria Conte , University of Rome, Tor Vergata, featuring Marcella Bonchio , University of Padova, Italy <i><u>"A long and winding road, sulphur, oxidants and friends"</u></i>
19:00 – 20:30	Dinner
20:30 – 22:30	POSTER SESSION (II)

E-WISPOC 2024

Thursday – February 8 th LECTURE TIMING: Speaker Introduction (5 min) – Lecture (50 min) – Open Discussion (20 min)	
	Bio-Inspired Sensoring and Recognition Platforms Discussion Leader: Francesco Zerbetto , University of Bologna, Italy
9:00 – 10:15 Lecture 10	Paola Ceroni , University of Bologna, Italy <i>“Photocatalysis: a journey into the photochemical mechanism”</i>
10:15 – 10:45	Coffee Break
10:45 – 12:00 YSS	<u>YOUNG SCIENTISTS’ SYMPOSIUM</u> Flash Presentations from selected contributions 3’V-Pitch Video + 7 min talk – (7 speakers)
12:00 – 17:30	Lunch/Free Time
17:30 – 18:45 YSS	<u>YOUNG SCIENTISTS’ SYMPOSIUM</u> Flash Presentations from selected contributions 3’V-Pitch Video + 7 min talk – (7 speakers)
20:00 – 22:00	Farewell Dinner + Concluding Remarks and Prize Ceremony

E-WISPOC 2024

Friday – February 9th LECTURE TIMING: Discussion Leader Introduction (5 min) Guest Speaker – Lecture (40 min) – Open Discussion (5 min) Invited Speakers – Lecture (25 min) – Open Discussion (5 min)	
10:00 – 16:30	E-WISPOC 24 Satellite Workshop New Horizons in Physical Organic Chemistry and Functional Molecular Materials
	Morning Session Discussion Leader: Oswaldo Lanzalunga , University of Rome, Tor Vergata, Italy
10:00 – 11:00	SPECIAL GUEST: Michela Salamone <i>University of Rome Tor Vergata, Italy</i>
11:00 – 11:30	Francesco Rigodanza <i>University of Padova, Italy</i>
11:30 – 12:00	Giulia Lavarda , <i>Eindhoven University of Technology, Netherlands</i>
12:00 – 12:30	Jacopo Dosso <i>University of Trieste, Italy</i>
12:30 – 13:00	Davide Blasi <i>University of Bari, Italy</i>
13:00 – 14:30	Light Lunch
	Afternoon Session Discussion Leader: Francesco Zerbetto , University of Bologna, Italy
14:00 – 14:30	Matteo Di Giosia , <i>University of Bologna, Italy</i>
14:30 – 15:00	Arnau Call Quintana <i>University of Girona, Spain</i>
15:00 – 15:30	Daniele Rosa-Gastaldo , <i>University of Padova, Italy</i>
15:30 – 16:00	Coffee Break
16:00 – 16:30	Gianluigi Albano , <i>University of Pisa, Italy</i>
16:30 – 17:00	Luigi Menduti , <i>University of Milan, Italy</i>
17:30 – 17:45	Concluding Remarks