



Chemistry for the Future 2026

conference program

Wednesday – 1st July

Schedule	Speaker	Affiliation	Activity
13:45 – 14:30			Registration
14:30 – 14:45			Welcome and Opening
Session 1 - Chair: Samuele Botticelli, Benedetta Bertoncini			
14:45 – 15:25	Prof. Inês C. B. Martins <i>From disorder to diversity: exploring the future and structural complexity of amorphous forms of drugs</i>	University of Copenhagen	Plenary lecture
15:25 – 15:50	Arianna Ghelardi <i>Solid state characterization of a new dual drug co-crystal using MAS NMR and DNP spectroscopy</i>	DSCM - University of Pisa	Keynote lecture
15:50 – 16:15	Amanda Arcidiacono <i>Excited-state properties and dynamics of carotenoids in photoprotective protein environments</i>	DSCM - University of Pisa	Keynote lecture
16:15 – 16:40	Luca Melega <i>Cholesky decomposition implementation of molecular response properties at the Coupled Cluster level</i>	DSCM - University of Pisa	Keynote lecture
16:40 – 17:10			Coffee break
Session 2 - Chair: Marta Filomena, Federico Paolino			
17:10 – 17:50	Prof. Alvis Vianello <i>Micro- and nanoplastic analysis at a crossroads: between scientific discovery and analytical credibility</i>	Aalborg University	Plenary lecture
17:50 – 18:15	Leonardo Barlucchi <i>Analytical pyrolysis for the detection and quantification of microplastics in workplaces and biological matrices</i>	DSCM - University of Pisa	Keynote lecture
18:15 – 19:30			Poster session + happy hour

Thursday – 2nd July

Schedule	Speaker	Affiliation	Activity
Session 3 - Chair: Alessia Cinci, Claudia Ghelarducci			
09:00 – 09:40	Prof. Claude Piguet Linear light-upconversion in molecules: a challenge	University of Geneva	Plenary lecture
09:40 – 10:05	Chiara Zappelli Design and synthesis of new transition metal complexes for diagnostic and therapeutic applications	DSCM - University of Pisa	Keynote lecture
10:05 – 10:30	Andrea Volpe Characterization of Type II Deep Eutectic Solvents based on choline chloride and metal chloride hydrates	DSCM - University of Pisa	Keynote lecture
10:30 – 10:55	Coffee break		
Session 4 - Chair: Matteo Cei, Giuseppe Fulvetti			
10:55 – 11:35	Prof. Reiko Oda Order, disorder, and the emergence of hierarchical chirality	CNRS – University of Bordeaux - Tohoku University	Plenary lecture
11:35 – 12:00	Ludovica Dei Design, synthesis and biological evaluation of novel chiral peptoid-based chelators	DSCM - University of Pisa	Keynote lecture
12:00 – 12:30	Alessia Cipolli, Miao Miao Dong, Elena Ducoli, Xuezhi Feng, Lorenzo Lapi, Gianmarco Papi		Flash presentations
12:30 – 14:00	Lunch break		
Session 5 - Chair: Samuele Botticelli, Benedetta Bertoncini			
14:00 – 14:40	Prof. Larisa Florea Fast and reversible stimulus-driven hydrogel micro-actuators	Trinity College Dublin	Plenary lecture
14:40 – 15:05	Luca Soldati Diarylacetonitrile (DAAN) fluorescent probes for monitoring mechanoradical formation in commodity plastics	DSCM - University of Pisa	Keynote lecture
15:05 – 15:30	Marco Diciotti Plasticization and compounding of vinyl chloride polymers for sustainable fire-resistant applications	DSCM - University of Pisa	Keynote lecture
15:30 – 15:55	Leonardo Arrighetti Cutin as functional additive for biodegradable innovative polymer materials	DSCM - University of Pisa	Keynote lecture
15:55 – 16:25	Coffee break		
Session 6 - Chair: Matteo Cei, Giuseppe Fulvetti			

16:25 – 17:05	Prof. Luca Dell’Amico <i>Mechanistic investigations in light-driven synthetic chemistry from direct photochemistry to organophotoredox catalysis</i>	University of Padova	Plenary lecture
17:05 – 17:30	Caterina Campinoti <i>Electrochemical approaches for the controlled generation and functionalization of reactive nitroso intermediates</i>	DSCM - University of Pisa	Keynote lecture
17:30 – 17:45	Maurizio Ortell <i>MVS2pro density measurement system: a revolution in polymer density measurement</i>	Ortelli Technologies	Sponsor
17:45 – 19:00			Poster session
20:00	Social dinner at “La Carraia”, San Piero a Grado, Pisa (Via Livornese, 766)		Social dinner

Friday – 3rd July

Schedule	Speaker	Affiliation	Activity
Session 7 - Chair: Alessia Cinci, Claudia Ghelarducci			
09:00 – 09:40	Prof. Agi Smolinska <i>Out of thin air: decoding volatolomics data for gastrointestinal and lung diseases</i>	University of Maastricht	Plenary lecture
09:40 – 10:05	Mariano De Cristofaro <i>Quantitative peptidomics: a DoE-optimized UHPLC-MS/MS method with applications in translational cardiorenal research</i>	DSCM - University of Pisa	Keynote lecture
10:05 – 10:30	Serena Reale <i>Chemical profiling of maternal body odour across pregnancy</i>	DSCM - University of Pisa	Keynote lecture
10:30 – 10:55			Coffee break
Session 8 - Chair: Marta Filomena, Federico Paolino			
10:55 – 11:20	Lorenzo Sembranti <i>Electrochemical sensors for dialysis efficiency assessment</i>	DSCM - University of Pisa	Keynote lecture
11:20 – 11:45	Cecilia Campi <i>Silk degradation and impact of cleaning strategies through mass spectrometric techniques</i>	DSCM - University of Pisa	Keynote lecture
11:45 – 12:10	Elena Betti <i>First-principles modeling of light harvesting in plant photosystems</i>	DSCM - University of Pisa	Keynote lecture
12:10 – 12:40			Best Poster Awards and Closing Remarks