Monday, July 3		
Session 1		
14:30	15:00	Registration
15:00	15:15	Opening
15:15	16:00	Invited | Massimo Olivucci | University of Siena & Bowling Green State University
		From Photon To Neuron: The Molecular Mechanism Of The Primary Event In Vision
16:00	16:20	Katharina Spies | Karlsruhe Institute of Technology
		Active Site Structure And Absorption Spectrum Of The Channelrhodopsin Chrimson – Wild Type And Mutants
16:20	16:45	Coffee break
16:45	17:30	Invited | John Kennis | Vrije Universiteit Amsterdam
		Isomeric Switching Near The Conical Intersection In Bestrhodopsin, An Unusual Red-Absorbing Microbial Rhodopsin
17:30	17:50	Raffaella Polito | Sapienza University of Rome
		Mid-IR Spectroscopy To Probe Conformational Changes Of Bacteriorhodopsin At The Nanoscale
17:50	18:10	Maria Eleonora Temperini | Sapienza University of Rome
		A New IR Spectroscopy Platform To Study The Effect Of Static Electric Fields On Biomolecules
18:10	18:30	Thanh Nhut Do | Vrije Universiteit Amsterdam
		Excitation-Fluence Dependent Two-Photon Induced Photoionization Of Bacterial Phytochrome

Tuesday, July 4		
Session 2		
09:00	09:45	Invited | Nadia Rega | University of Napoli Federico II & Scuola Superiore Meridionale
		Photoinduced Charge Transfer Non-Equilibrium Processes: Theory And Modeling Strategies
09:45	10:05	Daniele Narzi | University of L'Aquila
		Mechanism Of The Light-Induced Water Oxidation Reaction Occurring In The Natural Oxygenic Photosynthesis
10:05	10:25	Abhishek Sirohiwal | Stockholm University
		Primary Events In Reaction Centre Of Photosystem II
10:25	10:45	Coffee break
10:45	11:30	Invited | Ciro A. Guido | Università del Piemonte Orientale
		Dispersion Interactions At The Excited State: Influence On Light-Responsive Properties Of Biosystems
11:30	11:50	Sinjini Bhattacharjee | Max-Planck-Institut
		Multiscale Modeling Of Genetic Variants Of Photosystem II
11:50	12:35	Invited | Lyudmila Slipchenko | Purdue University
		Triplet Energy Transfer In The Fenna-Matthews-Olson (FMO) Pigment-Protein Complex
12:35	12:55	Pavel Rukin | CNR - Istituto Nanoscienze
		Theoretical Study Of Vibrational-Mediated Interlayer Charge Transfer In A Cobalt Phthalocyanine-Graphene Heterojunction
12:55	14:30	Lunch break

Session 3		
14:30	15:15	Invited | Jochen Blumberger | University College London
		Currents Of Bacterial Life Probed By Molecular Simulation And Pump-Probe Spectroscopy
15:15	15:35	Matteo Capone | University of L'Aquila
		Multiscale Modeling Of Photo-Induced Stereoselective Radical Cyclization In A Flavoenzyme
15:35	15:55	Lorenzo Cupellini | University of Pisa
		How Simulations Uncover The Photoactivation Mechanism Of Appa Bluf
15:55	16:15	Coffee break
16:15	17:00	Invited | Sharon Hammes-Schiffer | Yale University
		Nonequilibrium Excited State Dynamics Of Proton-Coupled Electron Transfer In Bluf Photoreceptor Proteins
17:00	17:20	Laura Pedraza-Gonzales | University of Pisa
		How The pH Controls Photoprotection In The Light-Harvesting Complex Of Mosses
17:20	18:05	Invited | James Boedicker | USC Dornsife
		Optogenetic Tools To Control Charge Transfer Within Bacteria
18:05	18:30	Discussion
19:30		Social Dinner

Wednesday, July 5		
Session 4		
09:00	09:45	Invited | Gloria Mazzone | Università della Calabria
		Light Induced Charge Transfer For Enhanced Photodynamic Therapy Action
09:45	10:05	Colin Coane | University of Southern California
		Unraveling The Mechanism Of Tip-Enhanced Molecular Energy Transfer
10:05	10:25	Giovanni Parolin | University of Padova
		Modelling Plexcitonic States With Single-Molecule Resolution
10:25	10:45	Coffee break
10:45	11:30	Invited | Ksenia Bravaya | Boston University
		Predictive Methods For Simulating Charge Transfer And Redox Processes In Proteins
11:30	11:50	Davide Accomasso | University of Pisa
		Uncovering A Carotenoid Quencher State In The CP29 Light-Harvesting Complex Of Plants
11:50	12:10	Matteo Bruschi | University of Padova
		Simulating Action-2D Electronic Spectroscopy From Molecular Dimers To Photosynthetic Antennas
12:10	12:30	Stefano Scoditti | Università della Calabria
		Unveiling The Photocatalytic Reduction Of Platinum(IV) Complexes By Riboflavin: Insights From Computational Analysis
12:30	14:00	Lunch break

Session 5		
14:00	14:45	Invited | Igor Schapiro | The Hebrew University of Jersualem
		Insight Into The Photochemistry Of Cyanobacteriochromes By Qm/Mm Simulations
14:45	15:05	Leonardo Barneschi | University of Siena
		Mechanism Of Fluorescence Enhancement In Rhodopsin Optogenetic Reporters
15:05	15:25	Giacomo Salvadori | University of Pisa
		Transient Intermediates In A Bacteriophytochrome Photocycle Revealed By Multiscale Simulations
15:25	15:45	Coffee break
15:45	16:05	Federico Gallina | University of Padova
		Simulating 2D Spectroscopic Responses Of Optical Systems With Digital Quantum Computers
16:05	16:50	Invited | Samer Gozem | Georgia State University
		Electrostatic Tuning Maps And Average Protein Configurations: Tools To Aid In Studying Flavoproteins
16:50	17:00	Closing

Scientific Committee

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