

Programme – Thursday 16th December 2021

Department of Chemistry, Aula Magna

13:00-14:00	Registration		
14:00-14:15	Loredana Latterini GIF President	Opening Remarks	Chair: Andrea Fin University of Torino
	Session 1 Honorary Invited Speaker	Chair: Mirco Natali University of Ferrara	Co-chair: Marco Minella University of Torino
14:15-15:00	Elio Giamello University of Torino	Photochemistry and Photocatalysis of Visible Light Active (VLA) Solids	
15:00-16:00	Short and Flash Oral Communication		
OC-01	Brunella Bardi Oral Communication (online)	Mean-Field Effects on the Phosphorescence of Dinuclear Re(I) Complex Polymorphs	
OC-02	Valentina Ferraro Oral Communication	Green-Emitting Tetrahedral Mn(II) Complexes with [O=P]-Donor Ligands	
OC-03	Davide Vione Oral Communication	A Monochromatic Approximation for Environmental Photochemistry	
FC-01	Giuseppe Nocito Flash Communication	Photochemical Route to CDs-Au Nanohybrid for Photothermal Applications	
FC-02	Francesca Laneri Flash Communication	Biofriendly Route to Gold Nanoplasmonics through Mixed Cyclodextrin Branched Polymers Photoreleasing Nitric Oxide	
FC-03	Andrea Fermi Flash Communication	Isophthalonitrile Derivatives as TADF-Active Chromophores for Metallaphotoredox Catalysis	
FC-04	Elena Cambiotti Flash Communication	Thermal Control of Up-Conversion Process on Silica Capsules through Incoherent Excitation	
16:00-16:30	Break		
	Session 2 GIF Award Keynote Speaker	Chair: Francesco Nastasi University of Messina	Co-chair: Polyssena Renzi University of Torino
16:30-17:00	Alessio Cesaretti GIF Young Investigator Awards 2021	Ultrafast Dynamics in Micro-Heterogeneous Organized Systems: Exploiting Photophysics for Medium Characterizations and Biomedical Applications	
17:00-18:00	Short and Flash Oral Communications		
OC-04	Elena Bassan Oral Communication (online)	The Quest for Triplet Population and Reducing Ability in Organic Photoredox Sensitizers: the Case of BODIPY Dyes	
OC-05	Federica Minuto Oral Communication	Ketene 3-Component Staudinger Reaction (K-3CSR): a Novel Photoinduced Approach to the Synthesis of β -Lactams	
OC-06	Alexandra Jorea Oral Communication	Photocatalyzed Functionalization of α,β -Unsaturated Carboxylic Acids	
OC-07	Andrea Cosola Flash Communication	Multi-Photoactive BAPO-Cyclodextrin: a Two-in-One Photoinitiator and Photocrosslinking Agent	
FC-05	Lorenzo Casimiro Flash Communication	Dimethylazobenzene: A New Chemical Actinometer	
FC-06	Lorenzo Di Terlizzi Flash Communication	Visible Light-Driven Synthesis of Symmetrical (Hetero)Biaryls by Homocoupling of Arylazo Sulfones	
FC-07	Emanuele Azzi Flash Communication	Visible Light Driven Cyclization for the Synthesis of 2-Functionalized Saturated N-Heterocycles	
18:30-20:00	Welcome Aperitive Caffetteria dell'Università		

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	Session 3 Keynote Speaker	Chair: Maurizio Fagnoni University of Pavia	Co-chair: Nadia Barbero University of Torino
9:30-10:00	Marina Freitag Newcastle University	Diffuse Light Harvesting to Structured Information	
10:00-11:15	Short and Flash Oral Communications		
OC-08	Bas de Jong Oral Communication	Charge Recombination Dynamics: an Experimental Approach from Perovskite-based Devices to Luminescent Solar Concentrators	
OC-09	Natalie Flores-Diaz Oral Communication	Photopolymerization of Hyperbranched Networks by Thiol-ene “Click” Reaction in Cobalt-Based Electrolytes for Dye-Sensitized Solar Cells	
OC-10	Ambra Maria Cancelliere Oral Communication	Metal-Based Photosensitizers and Catalysts for Light-to-Energy Conversion	
OC-11	Edoardo Marchini Oral Communication	A Series of Iron(II)-NHC Sensitizers with Remarkable Power Conversion Efficiency in Photoelectrochemical Cells	
OC-12	Daniele Veclani Oral Communication	Interaction of a TiO ₂ Surface with Organophosphonic Acids: the Role of pH	
FC-08	Giorgio Volpi Flash Communication	Emissive Imidazo[1,5-a]Pyridine Scaffold: Luminescent and Versatile Core for Various Applications	
FC-09	Annalisa Polo Flash Communication (online)	Multifaceted Role of Mo ⁶⁺ Doping in BiVO ₄ Photoanodes for Solar Energy Conversion	
11:15-11:45	Break		
	Session 4 Invited Speaker Plenary	Chair: Claudia Barolo University of Torino	Co-chair: Lucia Fagiolari Polytechnic University of Torino
11:45-12:30	Ruben D. Costa Technical University of Munich	Bio-Phosphors for Bio-Hybrid Light-Emitting Diodes	
12:30-13:00	Short and Flash Oral Communications		
SC-01	Cicci Research Sponsor Communication		
OC-13	Giulia Quaglia Oral Communication	Utilizing Upconversion via Triplet-Triplet Annihilation for Radiation Modulation and Optical Communication Experiments	
FC-10	Matteo Cingolani Flash Communication	Micro- and Nanoplastics: Detection in Water with a Fluorogenic Hyaluronan Probe	
13:00-14:30	Lunch Pina's Kitchen		
14:30-15:30	City Sightseeing Tour Bus Tour		
	Session 5 GIF Award Keynote Speaker	Chair: Sebastiano Campagna University of Messina	Co-chair: Matteo Bonomo University of Torino
15:30-16:00	Francesco Pellegrino GIF Young Investigator Award 2021	A New Strategy for Overcoming the Volcano in Water Photosplitting: Controlled Periodic Illumination	
16:00-17:20	Short and Flash Oral Communications		
OC-14	Alberto Bianco Oral Communication	Direct NAD(P)H Regeneration Using Light: a Novel Application of an Old Compound	
OC-15	Cristina Parisi Oral Communication	A Doxorubicin-NO Releaser Molecular Hybrid Activatable by Green Light to Overcome Resistance in Breast Cancer Cells	
OC-16	Tommaso Bianconi Oral Communication	An Insight into the Excited-State Deactivation Mechanism of New Aggregation-Induced Emission Materials for Biological Applications and Optoelectronics	
FC-11	Jessica Groppi Flash Communication	The Evolution of Light Effected Autonomous Molecular Pumps	

FC-12	Brian Sachini Flash Communication	Improving Light-Driven Molecular Pumps: Dissecting Thermodynamic and Kinetic Entanglement in a Photoswitchable Molecular Axle
FC-13	Stefano Corrà Flash Communication	Dynamic and Thermodynamic Insights in the Operation of a Light-Fueled Supramolecular Pump
FC-14	Marco Villa Flash Communication	Thiospherulene: Polysulfurated and Phosphorescent Molecular Cage
FC-15	Antonio Fiorentino Flash Communication	Acidochromism of First-Generation Donor-Acceptor Stenhouse Adducts (DASAs): a pH-Sensitive Switch in Halogenated Solvents
FC-16	Leonardo Andreoni Flash Communication	Calix[6]arene-Based Rotaxane Orientational Isomers with Distinct Photophysical Properties
FC-17	Letizia Mencaroni Flash Communication	Singlet Fission Footprints in a New Class of Fluorene Derivatives: Charge-Transfer Mediation and Possible Implications
17:20-18:40	Division Assembly	
20:00	Social Dinner "Ristorante La Badessa"	

Programme – Saturday 18th December 2021

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	Session 6 Invited Speaker Plenary, GIF Award Keynote Speaker	Chair: Serena Silvi University of Bologna	Co-chair: Ivana Miletto University of Eastern Piedmont
9:00-9:45	Aldo Romani University of Perugia	Photophysics and Photochemistry for Beauty	
9:45-10:15	Sara Angeloni Premio "Ugo Mazzucato" per la migliori tesi di dottorato in fotochimica 2021	Silicon Nanocrystals Tailored for Bioimaging and Energy Conversion	
10:15-11:15	Short and Flash Oral Communications		
OC-17	Sara Bonacchi Oral Communication (online)	Tunable Near-Infrared Emitting Nanoclusters: an In-situ Spectroelectrochemical Fluorescence Study	
OC-18	Bejoy Mohandas Kochan Sathyaseelan Oral Communication	3-Oxidopicolinate: A Surprising Short Bridge for Generating Bright Phosphorescence from Binuclear Iridium(III) Complexes	
OC-19	Arianna Menichetti Oral Communication	Local Light-controlled Generation of Calcium Carbonate and Barium Carbonate Biomorphs via Photochemical Stimulation.	
OC-20	Liviana Mummolo Oral Communication	Supramolecular-Based Fluorescent Ligands as Sensing Tools for the Detection of Emerging Pollutants	
OC-21	Matteo Caprioli Oral Communication	PVA-Based DLP- 3D Printed Self-Healing Hydrogels	
11:15-11:45	Break-Poster Session		
	Session 7 Awards and Closing remarks	Chair: Loredana Latterini GIF President	Co-chair: Andrea Fin University of Torino
11:45-12:30	Award Ceremony		
12:30-12:45	Closing Remarks		