



European Winter School in Physical Organic Chemistry

From Biological to Bio-Inspired Artificial Systems

Opening Lecture - Jan 27th

Takuzo Aida *Advanced Design of Self-healable Materials by Supramolecular Chemistry*

Biological Models and Bioinspired Systems for new Energy schemes & Computational Perspectives - Jan 28th

Gianluca Farinola *Photoconverters from Functional Organic Molecules and Photosynthetic Microorganisms*

Giulio Cerullo *Snapshots of Primary Photoinduced Events in (Bio)-Molecules by Ultrafast Optical Spectroscopy*

Vincenzo Barone *To be announced*

Biological Models and Bioinspired Systems for Human Health - Jan 29th

Graziella Pellegrini *Approaches to 3D Reconstruction of Human Cornea*

Luisa De Cola *Soft and Hybrid Structure to Mimic Bio-Systems*

Mario Salmons *Bio-inspired Therapeutic Strategies for Alzheimer's Disease*

Biological Models and Bioinspired Systems for Transformation of Raw Materials-Feedstocks - Jan 30th

Peter Seeberger *Novel Materials Created from Synthetic Polysaccharides: Synthesis, Structure and Function*

Katalin Barta *Cleave and couple - Sustainable Pathways to Valuable Chemicals from Renewables*

Pedro Perez *The Reactivity of Alkane Carbon-hydrogen Bonds: Strategies, Trend, Models and Predictions*

Biological Models and Bioinspired Systems – Energy schemes & Industrial Perspectives – Jan 31st

Erwin Reisner *Semi-biological Photosynthesis*

Francesco Fontana *FIS The Italian Drug Factory*

Transforming our Future

Scientific Committee:

Massimo Bietti - University of Rome Tor Vergata (Italy)
Marcella Bonchio – University of Padova (Italy)
Luisa De Cola – University of Strasbourg (France)
Gianluca Maria Farinola – University of Bari (Italy)
Maurizio Prato – University of Trieste and CIC Biomagune (Spain)
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