



PCCP Symposium
University of Florence
November 11, 2022

Programme

09:20 - Welcome (Piero, David and Michael)

Session 1 - Chair Piero Baglioni

09:30 - Henry F. Schaefer III (University of Georgia), *Monobridged A2H2 Structures: A Micro-Chapter in the History of Main Group Inorganic Chemistry.*

10:00 - Piero Procacci (Università di Firenze), *Drug design on high-performance computing facilities using cutting-edge molecular dynamics-based techniques.*

10:30 - Chantal Daniel (Institut de Chimie Strasbourg), *Circularly polarized long-lived luminescence in chiral Re(I)-helicenic complexes: A theoretical investigation.*

11:00 - Coffee break

Session 2 - Chair Chantal Daniel

11:30 - Keith Gordon (University of Otago), *Time-resolved spectroscopy as a probe of the interplay between MLCT and ILCT states in rhenium(I) complexes.*

12:00 - Debora Berti (Università di Firenze), *Engineered Nanoparticles as a toolkit to probe biomimetic and Biogenic Lipid Assemblies.*

12:30 - Isaac Tamblyn (University of Ottawa), *TBA.*

13:00 - Lunch

Session 3 - Chair Keith Gordon

14:00 - Prabal Maiti (IISC Bangalore), *Charge transport and rectification properties of nucleic acids.*

14:30 - Claudio Luchinat (Università di Firenze), *Quantum Chemistry for Structural Biology.*

15:00 - David Rueda (Imperial College), *How Enzymes Find Targets on Genomes.*

15:30 - Coffee break

Session 4 - Chair Isaac Tamblyn

16:00 - Emiliano Fratini (Università di Firenze), *Transport phenomena in hydrogels: from water molecules to living micro-organisms.*

16:30 - Anouk Rijs (VU Amsterdam), *Understanding, probing and controlling protein aggregation: novel advances in hyphenated Mass Spectrometry.*

17:00 - **Farewell** (Anouk and New deputy chair)

