

List of Accepted Posters

1	Ak	Jissy	Designing Molecular Switches Based on DNA-Base Mismatching
2	Aly	Arafa	Carriers Transport in Mesoscopic Systems
3	Amdursky	Nadav	Quantum Confinement Approach for the Self-Assembly Process of Peptide Nanostructures and Proteins
4	Artes Vivancos	Juan Manuel	Single Metalloprotein Junctions Demonstrating a Molecular Transistor
5	Banerjee	Mousumi	Spectroscopic Studies on ATP-induced Conformational Changes in Oxyhemoglobin
6	Bende	Attila	The Electron Correlation Effects on the Energy Band Structures of Double Stranded DNA
7	Berstis	Laura	Ab Initio based Electron Transfer Through π -Stacked Nucleobases
8	Breuer	Marian	Computational Studies of the Electron-Transporting Decaheme Cytochrome MtrF
9	Lima	Filipe	First principles Study of Ferrocene-Peptide Electron Transfer on Au(111) Surface
10	Cauët	Emilie	Hole-Trapping Property of the Human Telomere Sequence
11	Caycedo-Soler	Felipe	Performance of Bacterial Photosynthesis: Can Reaction Centers Trapping Profit from Excitonic Delocalization?
12	Chakraborty	Brotati	Magnetic Field Effect Corroborated with Docking Study to Explore Photoinduced Electron Transfer in Drug-Protein Interaction
13	Davis	Elisabeth	Spontaneous Modulation of the Electronic State of Stainless Steel via a Novel Synthetic Bio-Metallic Interface
14	Della Pia	Eduardo Antonio	Observations of Conductance Gating for a Single-Redox Engineered Protein Junction
15	Di Paolo	Gaia	Singlet and Triplet Excitation Energy Transfer in the Light Harvesting Peridinin-Chlorophyll-Protein complex
16	Dorner	Ross	Quantum Coherent Electron Transfer in Biomolecules
17	Èoga	Lucija	Interaction of DNA with Divalent Metal Ions of Zinc, Cadmium and Mercury
18	Ferreiro	Dardo Nahuel	Electron Transfer, Oxygen Affinity and Ligand Migration In E. coli Flavohemoglobin
19	Guallar	Victor	QM/MM e-pathway: a Tool to find Complex Electron Transfer Pathways
20	Haider	Shozeb	Molecular Dynamics of Parallel Stranded G-quadruplexes on the Microsecond Time Scale
21	Kim	Heeyoung	Charge Transfer Processes in Long-Range DNA Sequences

22	Kittusamy	Senthilkumar	Theoretical Investigation on Intramolecular Charge Transfer in model peptides
23	Omerzu	Ales	Strong Fluorescence Enhancement in a Zn(II) – DNA Complex
24	Ouahab	Lahcène	Coordination Complexes with Conducting, Magnetic or Luminescent Properties
25	Plasser	Felix	Ab-initio Simulations of Charge Transfer in DNA and Model Systems
26	Quinn	Susan	The Role of Charge Transfer in the Excited State Dynamics of Nucleic acids: An ultrafast transient Infrared study
27	Radu	Liliana	Fluorescence Resonance Energy Transfer in the Investigation of Normal and Tumoral Chromatin Structure
28	Sarangi	Manas	Influence of 2'-deoxy Sugar Moiety on Excited State Proton Transfer between Acr and Adenine/Adenosine in Heterogeneous Micellar Environment
29	Torrellas	Germán	Twist-Radial Oscillations Resonance Effects in Double-Stranded DNA Chains
30	Varsano	Daniele	Time-Dependent Density Functional Investigations on Light Harvesting Properties and Charge Separation in a Supramolecular Triad: The Role of the Electron-Hole Coupling
31	Woiczikowski	Benjamin	Non-Adiabatic Simulation of Hole Transfer in Photolyase
32	Wolter	Mario	Simulation of Charge Transfer in Complex Systems
33	Zakrassov	Alexander	Electron Transfer through single Cyclic Peptides: Side Chain Effects
34	Zilly	Matias	Conductance of DNA Molecules: Effects of Bonding and Decoherence