EUROPEAN SCIENCE FOUNDATION
SETTING SCIENCE AGENDAS FOR EUROPE

RESEARCH CONFERENCES

ESF-COST High-Level Research Conference

Systems Chemistry II: Evolution and Systems

18-23 October 2009 – Anna Grand Hotel, Balatonfüred • Hungary

List of Accepted Posters

	Surname	First Name	Poster Title
1	Belousoff	Matthew	Evolving catalytic properties of the ancient RNA machine for protein biosynthesis
2	Boltovets	Praskoviya	Chemical compounds at heterogenous surfaces
3	Czaran	Tamas	Specialization of early replicators in the metabolic replicator model system
4	De Lucrezia	Davide	Emergence of functional peptide in random libraries
5	De Pretis	Stefano	Stochastic simulations of bistable chemical networks
6	Gehring	Timo	Systematic studies with a new starting material in Soai's asymmetric autocatalysis
7	Hayden	Eric	Part 1. The tyranny of the stable: why reversibility matters in competing autocatalytic cycles Part 2. Selecting for evolvable variants of the Azoarcus group I ribozyme
8	Kawasaki	Tsuneomi	Hydrogen isotope substituted chiral meteoritic amino acids triggered asymmetric autocatalysis with amplification of chirality
9	Konnyu	Balazs	Specialization of early replicators in the metabolic replicator model system
10	Kramer	Daniel	Organo-autocatalysis: a vivid example of system chemistry
11	Kun	Adám	RNA structures and the error threshold
12	Maurer	Sarah	Membrane/metabolism co-dependence in a minimal protocell
13	Orrillo	Alfredo Gastón	Effect of supramolecular interactions between library members in the behavior of dynamic combinatorial libraries
14	Patzke	Volker	DNA with 3´-5´-disulphide-links – rapid chemical ligation via isosteric replacement
15	Pianowski	Zbigniew	Sequence-specific detection of oligonucleotides 'in vitro' and inside living cells by templated Staudinger reaction

16	Roglic	Darko	Evolutionary computer – the model of computer capable for computational evolution
17	Romero	Hector	Pyrrolysine, selenocysteine as ancestral amino acids
18	Saggiomo	Vittorio	Transport of calcium ions through a bulk membrane by use of a dynamic combinatorial library
19	Soai	Kenso	Formation of chiral crystal of cytosine with the desired chirality from achiral cytosine without using chiral auxiliary
20	Suzuki	Reiji	Effects of learning on evolution of communication
21	Tamulis	Arvydas	Quantum mechanical origin of genetic material in minimal cells
22	Taran	Olga	Formation of long oligonucleotides from 5'-amino-3'-phosphate building blocks
23	Vasas	Vera	Hidden compartmentalization of molecular interactions explains quasi-stationary states in the Gard model
24	Yesylevskyy	Semen	Evolutionary origin of multiple functional states in biological macromolecules
25	Zachar	István	Implications of facultative autocatalysis on inheritance systems
26	Zimmermann	Jan	Trisoligonucleotide-based DNA polyhedra as nano scaffolds and programmable containers