

RESEARCH CONFERENCES ESF-COST High-Level Research Conference Systems Chemistry III 23-28 October 2011 – Agapi Beach Hotel – Crete/Greece

Su	rname	First Name	Poster Title
1	Alasibi	Samaa	Peptide Network-Dependent Logic Operations
2	Blanco	Celia	Mirror Symmetry Breaking at Interfaces: Glycine and alpha-amino acids
3	Boiteau	Laurent	Energy sources, self-organization, and the origin of life
4	Caprioli	Francesca	Self-propagation of amino acids: further step towards the chemical origin of Life
5	Carrette	Lieselot	Challenging the possibilities of peptide synthesis, towards a biomimetic transcription factor
6	Colomb-Delsuc	Mathieu	How "mutations" affect the self-replication of peptide functionalized macrocycles
7	Dadon	Zehavit	Light as External Trigger for Manipulating Peptide Replication Networks
8	Eisenberg	Margarita	Dynamic combinatorial libraries of artificial repeat proteins: A tool for finding new scaffolds-binding natural ligands
9	Fedor	Anna	Two different template replicators coexisting in the same protocell: Stochastic simulation of an extended chemoton model
10	Goodwin	Jay	Dynamic Linkages for Supramolecular Assemblies
11	Goranovic	Goran	Multiscale description of a heterogeneous molecular network: theory and experiment
12	Gorczynski	Adam	Self-Assembly of Tridentate Schiff-Base Ligands with Transition Metal Ions in the Presence of Lanthanides: Novel Crystal Structures and Tunable Luminescent Properties
13	Kalinowska	Monika	Anticancer properties of phenolic acids: cinnamic and benzoic acid derivatives
14	Kawasaki	Tsuneomi	Control of Molecular Chirality by Static Electric Field Mediated with Ferroelectric Crystal and Asymmetric Autocatalysis
15	Kornacka	Ewa Maria	Ionizing radiation assisted, abiotic formation of methane

16	Kun	Adám	The origin of complex metabolism
17	Lewandowski	Wlodzimierz	Spectroscopic (FT-IR, FT-Raman, UV) and microbiological (Escherichia coli O157:H7) studies of lithium, sodium and potassium salts of cinnamic acid and its derivatives
18	Lipkowski	Janusz	The Structural View of Hydrophobic Hydration
19	Mahon	Clare	Templating a Polymer-Scaffolded Dynamic Combinatorial Library
20	Mattia	Elio	Attaining Dynamic Kinetic Stability in a System Containing a Replicator and a Simple Metabolism
21	Mineki	Hiroko	Asymmetric Autocatalysis Induced by Chiral Crystals of Achiral Nucleobase Cytosine and Adenine
22	Mokhir	Andriy	Application of catalytic and autocatalytic chemical reactions in analysis and medicine
23	Motiei	Leila	Self Propagating Molecular-based Assemblies
24	Nijland	Aike	Design of new enantioselective organocatalytic reactions for applications in cross-catalytic systems.
25	Nowak	Piotr	Dynamic combinatorial chemistry: determination of binding affinities with DCLFit and library distributions from LC-ELSD measurements
26	Perl	Andras	A dissipative combinatorial system based on reversible disulfide linkages
27	Roglic	Darko	Origin and Evolution of Computational Life Could Be Revealed by Models of Evolvable Computers Not Captured by Church-Turing thesis
28	Roviello	Giovanni	Nucleopeptide-based supramolecular systems
29	Ruangsupapichat	Nopporn	Autocatalytic synthesis of proline and its analogues
30	Rubinov	Boris	Dissecting two Parallel Processes: Self-Assembly and Self-Replication of Amphiphilic β-Sheet Peptides
31	Rzaczynska	Zofia	Spectroscopic (FT-IR, FT-Raman, 1H, 13 C NMR) and thermogravimetric studies of Ca(II), Mn(II), Cu(II), Zn(II) and Cd(II) complexes of ferulic acid
32	Saggiomo	Vittorio	Systems Chemistry: Using Thermodynamically Controlled Networks to Assess Molecular Similarity
33	Sugimoto	Naoki	Quantitative analyses of the transcription regulated by non-canonical DNA structures

34 Swislocka	Renata	Spectroscopic and theoretical studies of dihydroxybenzoic acid: molecular structure of 2,5-dihydroxybenzoic acid and its alkali metal salts
35 Tedeschi	Tullia	Chiral Peptide Nucleic Acids with flexible backbone: design, synthesis and applications
36 Weingand	Daniel	The Soai Reaction as a tool for determination of small ee values
37 Zachar	István	The emergence of division of labour in template replication
38 Zagorski	Zbigniew	Critical analysis of attempts leading to the experimental confirmation of panspermia hypothesis
39 Zhang	Hong-Yu	Origin and evolution of proteins: a small molecule-based investigation