

Athens International Catalysis Symposium 2016

Scientific Programme

Thursday, November 3rd, 2016

09.45-10.45 Registration

10.45-11.00 Opening remarks

Chair: George Kokotos, Pier Giorgio Cozzi

11.00-11.40 **Tehshik P. Yoon**

“Stereocontrol in Photochemical Reactions”

11.40-12.05 **Manolis Stratakis**

“Supported Gold Nanoparticles: Impressive Catalysts in Organic Transformations”

12.05-12.30 **Doron Pappo**

“Selective Oxidative Cross-Coupling of Phenols by Iron Catalysis”

12.30-12.55 **Christoforos G. Kokotos**

“Phenylglyoxylic Acid as the Photocatalyst for Green Visible-Light PhotoOrganocatalysis and Sunlight-Promoted Processes”

13.00-14.00 Lunch Break

Chair: Manolis Stratakis, Victoria Magrioti

14.00-14.40 **Pier Giorgio Cozzi**

“Earth Abundant Metals for Photoredox Catalysis”

14.40-15.05 **Gerasimos Rassias**

“Synthesis and Evaluation of Chiral Organocatalysts for the Asymmetric Halolactonisation”

15.05-15.30 **László Kollár**

“Synthesis of Deepened Cavitands via Homogeneous Catalytic Reactions”

15.30-15.55 **Ioannis D. Kostas**

“P,N- and Related Ligands for the Transition-metal Catalyzed Hydrogenation of α,β -Unsaturated Aldehydes”

16.00-16.30 Coffee Break

Chair: Christoforos Kokotos, Georgios Vougioukalakis

16.30-17.10 **Paolo Melchiorre**

“Enantioselective Photo-Organocatalysis: Making Chiral Molecules with Light”

17.10-17.35 **Ioannis N. Lykakis**

“Redox Organic Transformations Catalyzed by Supported Noble Metal Nanoparticles: AuNPs vs AgNPs”

17.35-17.50 **Dimitris Limnios**

“From Olive Oil to High Value-added Chemicals”

17.50-18.05 **Marios Kidonakis**

“Gold Nanoparticle-Catalyzed Regioselective Hydrosilylation, Silaboration and Diboration of Allenes”

18.05-18.20 **Christos S. Karaiskos**

“Efficient Structure Control and Hydrogenation of Substituted Tetramic Acids; Present and Future Prospects”

18.20-19.30 Poster session

19.00-20.30 Welcome cocktail

Friday, November 4th, 2016

Chair: Christiana Mitsopoulou, Panayotis Kyritsis

09.15-09.55 **Zeev Gross**

“1st Row Metallocorroles for Electro- and Photo-catalysis”

09.55-10.20 **Nicholas Leventis**

“Reuseable Monolithic Nanoporous Graphite-Supported Nanocatalysts (Fe, Au, Pt, Pd, Ni, and Rh) from Pyrolysis and Galvanic Transmetalation of Ferrocene-based Polyamide Aerogels”

10.20-10.45 **Dimitrios Manganas**

“Insights into Heterogeneous Catalysts from Theoretical Spectroscopy and Accurate Binding Energies”

10.45-11.00 **Athanasios Zarkadoulas**

“Structure–Activity Relationship in Nickel bis-Dithiolene Catalysts Towards Proton Reduction”

11.00-11.15 **Eugenia Koutsouri**

“Nickel-Dithiolene Complexes Alternative to Cobaloximes for Photocatalytic Hydrogen Production from Protons Reduction”

11.15-11.45 Coffee break

Chair: Patrina Paraskevopoulou, Nicholas Leventis

11.45-12.25 **Sven Rau**

"Photocatalytic Fuelling of Enzyme Catalysis with NiO Immobilised Molecular Catalysts"

12.25-12.50 **Dimitrios A. Pantazis**

"Applications of Computational Spectroscopy to Bioinorganic Catalysis"

12.50-13.05 **Eugenia Kolovou**

"Ru(II)-based Catalysts for Transfer Hydrogenation of Aromatic Ketones"

13.05-14.05 Lunch Break

Chair: Dimitrios Pantazis, Constantinos Methenitis

14.05-14.45 **Andreas A. Danopoulos**

"NHC Ligands in Catalysis: Reaching the Age of Maturity?"

14.45-15.10 **Panayotis Kyritsis**

"Catalytic Reactivity of Transition Metal Complexes Bearing Chalcogenido-imidodiphosphino and bis(Phosphino)amine Chelating Ligands"

15.10-15.35 **Athanassios I. Philippopoulos**

"Copper(I) Complexes for Application in Dye Sensitized Solar Cells"

15.35-15.50 **Athanasios Panagiotopoulos**

"Porphyrins and Cobaloximes: Molecular Photocatalytic Systems for Hydrogen Evolution"

15.50-16.05 **Grigorios Raptopoulos**

"Hansen Solubility Parameters and Potential Applications of Poly(dicyclopentadiene) Gels"

16.05-16.20 **Antigoni Margellou**

"Effect of Oxygen Reverse Uptake on N₂O Decomposition over La_{1-x}Sr_xFeO₃"

16.20-16.35 **George V. Theodosopoulos**

"Combining Polymerization Techniques for Versatile Complex Macromolecular Architectures"

16.35-16.50 **Ioannis Choinopoulos**

"Employing Two Eponymous Catalysts in Macromolecular Architecture and Polymer Modification"

17.00-18.00 Poster session