

Lunedì, 1 settembre 2008

- 09.00-12.50 **Registrazione dei partecipanti**
 12.50-14.30 **Welcome party**
 14.30-15.00 **Apertura del Congresso**
Chairman: Dr. Maurizio Peruzzini
 15.00-15.50 **Plenary Lecture: (Medaglia Sacconi)**
Robin Perutz (Università di York)
The Many Roles of Sigma Complexes: Intermediates, Transition States and the Resting States for Catalytic Mechanisms
 15.50-16.10 **R.A. Michelin**
Synthesis of Iminothioether Complexes of Platinum(II)
 16.10-16.30 **C. Pettinari**
Coordination Polymers Based on the Trinuclear Triangular [Cu(μ_3 -OH)(μ -pz) $_3$] $^{2+}$ Unit
 16.30-16.50 **C. Tiozzo**
Synthesis and Full Characterization of [H_{(8-n)Rh₂₂(CO)₃₅] $^{n+}$ and [Rh₂₂(CO)₃₇] $^{n+}$ Carbonyl Clusters}
 16.50-17.10 **Coffee break**
 17.10-17.40 **Keynote: Fabrizia Fabrizi de Biani** (Università di Siena)
Spectroelectrochemical and Theoretical Studies of Electron Transfer in Donor-Acceptor Polynuclear Platinum Derivatives. Outstanding and Unexpected Effect of Peripheral Substituents on the TDDF results
Chairman: Dr.ssa Rita Mazzoni
 17.40-18.40 **Flash presentations 1-20**
 18.50-20.00 **Poster Session**

Martedì, 2 settembre 2008

- Chairman: Prof. Francesco Paolo Fanizzi**
 09.00-09.50 **Plenary Lecture: Peter Maitlis** (Sheffield University)
Nano-Catalysts and the Border Between Homogeneous and Heterogeneous Catalysis: the Role of Electrophilic Organometallic Species in Fischer-Tropsch Synthesis
 09.50-10.10 **M. Delferro**
Electronic effects on the kinetics of the oxidative addition of CH₃I to charge-tuned Rh^I complexes
 10.10-10.30 **C. Nervi**
Elucidating the Mechanism of Ligand Photodissociation in [Ru(bpy)₂L₂] $^{2+}$ Complexes by DFT Calculations
 10.30-10.50 **M.E. Crestoni**
Protonated Carbonic Acid
 10.50-11.10 **Coffee break**
Chairman: Prof. Giancarlo Pelizzi
 11.10-11.30 **C. Femoni**
An Organometallic Approach to Gold Nanoparticles: Synthesis and X-ray Structure of CO-protected Au₂₁Fe₁₀, Au₂₂Fe₁₂, Au₂₈Fe₁₄ and Au₃₄Fe₁₄ Clusters
 11.30-11.50 **D. Cornacchia**
Cis/trans Isomerization of Platinum Acetamide Complexes and Formation of Dinuclear and Trinuclear Species. Isolation, NMR and X-ray structure Characterisation
 11.50-12.10 **D. Zuccaccia**
Self-aggregation tendency of zirconocenium ion pairs modelling polymeryl-chain-carrying species in aromatic and aliphatic solvents
 12.10-12.30 **E. Gabano**
Assessment of the anticancer potentiality of a new platinum nanoparticulate conjugate
 12.30-12.50 **E. Tamburri**
Electron Spin Resonance Study of Poly(Ortho-Anisidine) / Single Walled Carbon Nanotube Composite Films: Spin Dynamics and Effects of Physisorption Processes

12.50-15.00 **Lunch**

- Chairman: Prof.ssa Gabriella Borzone**
Keynote: (Miglior Tesi di Dottorato)
G. D'Amico (Università di Messina)
Mechanistic Insight on C-H Bond Activation Mediated by Organometallic Platinum(II) Complexes
 15.00-15.30 **S. Fedi**
 μ -Diborolyl triple-decker complexes: synthesis, structure and electrochemistry
 15.30-15.50 **M. Giorgetti**
Structure of Doped V₂O₅ Based Cathodes Materials As Probed by Multiple Scattering X-Ray Absorption Spectroscopy
 15.50-16.10 **A. Boccia**
Role of the extent of π -electron conjugation in visible-light assisted molecular self-assembling on Si(111) surfaces
 16.10-16.30 **A. Mazzaglia**
Amphiphilic Cyclodextrins as Capping Agents for Gold Nanoparticles. An Investigation of their Supramolecular Assemblies with Porphyrins for Bimodal Anticancer Therapy
 16.30-16.50 **Coffee break**
 16.50-17.10 **Keynote: A. Dibenedetto** (Università di Bari)
Double-base-activation versus acid-plus-base-activation of alcohols in the direct synthesis of organic carbonates from alcohols and CO₂ under homogeneous catalysis
 17.10-17.40 **Chairman: Dr. Paride Papadia**
 17.40-18.50 **Flash presentations 20-40**
 18.50-20.00 **Poster Session**

Mercoledì, 3 settembre 2008

- Chairman: Prof. Piero Zanello**
 09.00-09.50 **Plenary Lecture: Chang-jun Liu** (Tianjin University)
Properties of Metal Clusters Formed under the Influence of Argon Glow Discharge Plasmas
 09.50-10.10 **C. Santini**
New boron-centered scorpionate ligands containing EWG-azole rings and related group 11 metal complexes
 10.10-10.30 **S. Livraghi**
Preparation and characterisation of non metal doped Titanium Dioxide
 10.30-10.50 **C. Pastore**
[RhCl(C₂H₄)(PPr₃)₂]₂ as a solid state hydrogenation catalyst: synthesis, characterization and solid-state and solution reaction with H₂
 10.50-11.10 **Coffee break**
Chairman: Dr. Luigi Garlaschelli
 11.10-11.30 **G. Predieri**
Synthesis and Characterization of the Anionic Cluster [Pd₁₅(SeO₃)₁₀(OH)₁₀O] $^{2-}$
 11.30-11.50 **G. De Luca**
Elusive porphyrins species: formation of sitting-atop complexes and monoacid derivatives in organic solvents
 11.50-12.10 **V. Gallo**
Anchimeric assistance of a thioether function in a mixed-metal cluster-mediated phenyl group migration
 12.10-12.30 **R. Della Pergola**
Coordination polymers based on Rh-Ag Carbide clusters
 12.30-12.50 **G. Lusvardi**
In vitro and in vivo behaviour of zinc doped phosphosilicate glasses
 12.50-15.10 **Assemblea Soci**
 15.10-20.00 **Gita Sociale**
 20.00 **Rientro a Lecce**

Giovedì, 4 settembre 2008

- Chairman: Prof. Luigi Busetto**
 09.00-09.50 **Plenary Lecture: Robert J. Angelici** (Iowa State University)
Organometallic Chemistry and Catalysis on Gold Metal Surfaces
 9.50-10.10 **G.M. Lombardo**
Integrated X-ray Diffraction - Molecular Dynamics Study of Ternary (Cu/Zn/Al) Hydrotalcite-like Compounds containing two Different Interlayer Anions
 10.10-10.30 **R. Pattacini**
Diphosphinite Ag(I) and Pd(II) Dinuclear Complexes as Adaptable Anion Receptors; Unprecedented Bridging Mode for the Anion PF₆⁻
 10.30-10.50 **M.A. Castriciano**
Supramolecular complexes of hemin with charged PAMAM dendrimers in solution and on conductive glass surface
 10.50-11.10 **Coffee break**
 11.10-11.30 **Round Table (Relatori: M. Aresta, R. Baciocchi, C. Song)**
ENERGY: a confrontation of strategies for controlling the CO₂ accumulation into the atmosphere
 13.00-15.00 **Lunch**
Chairman: Prof. Roberto Gobetto
 15.00-15.50 **Plenary Lecture: (Premio Nasini)**
A. Credi (Università di Bologna)
Transition-metal Complexes as Components of Molecular Machines and Logic Gates
 15.50-16.10 **M.V. Russo**
Advanced applications of polymeric nanobeads arrays
 16.10-16.30 **M. Nocchetti**
Hydrotalcite-like nano crystals from water in oil microemulsions
 16.30-16.50 **S. Pragliola**
Synthesis and Properties of Polyethylene Containing High Amount of Cyclopropane Rings
 16.50-17.10 **Coffee break**
Chairman: Prof.ssa Maria Vittoria Russo
 17.10-17.40 **Keynote: M. Saviano** (Università di Napoli Federico II)
Imaging of α (v) β (3) Integrin Expression with a New and Selective Antagonist
 17.40-18.00 **S. Sortino**
Multifunctional Nitric Oxide Releasing Metal Nanoparticles Activated by Light
 18.00-18.20 **P. Mastrorilli**
Protonation of metal-metal bonds: a multidisciplinary study on a phosphido bridged Pt(I)-Pt(I) complex
 18.20-18.40 **M. Toscano**
On the catalytic role of Fe⁺, Mn⁺, Ge⁺ and Se⁺ in the oxygen transport activation of N₂O by CO
 18.50-20.00 **Poster Session**
 20.00 **Cena Sociale**
- Venerdì, 5 settembre 2008**
- Chairman: Prof. Michele Aresta**
 09.00-09.50 **Plenary Lecture: Chunsang Song** (Pennsylvania State University)
Design of Catalysts and Sorbents at Nano-scale in Fuel Processing for H₂ Production and Fuel Cells
 09.50-10.10 **R. Mazzoni**
New Highly Functionalized Ferrocenes and Cyclohexadienylxo Complexes by Assembling of Bridging Vinyliminium Ligands with Alkynes and CO
 10.10-10.30 **S. De Negri**

Intermetallics and behaviour regularities in RTMg (R=La, Y; T=Ni, Cu, Zn) ternary systems

- 10.30-10.50 **N. Re**
A Dissociative Route to C-H Bond Activation in a Biphenyl Platinum(II) Complex: A Kinetic and DFT study
- 10.50-11.10 **Coffee break**
Chairman: Prof. Rino Michelin
- 11.10-11.30 **E. Diana**
Atomic charge in organometallic compounds: an experimental and computational survey
- 11.30-11.50 **E. Sicilia**
Possible answers to the mechanistic questions about the insertion of molecular oxygen into a Pd(II)-H bond
- 11.50-12.10 **M.P. Donzello**
Novel Classes of Mono- and (Homo/Hetero)Pentametallic Porphyrazine Systems: Synthesis, Structure, Physicochemical and Photophysical Properties
- 12.10-12.30 **M. Semeraro**
Luminescence quenching of quantum dot supramolecular assemblies
- 12.30-12.50 **M. Benedetti**
Possible incorporation in DNA of free N7-platinated guanines by DNA polymerases
- 12.50 **Chiusura Congresso**

EVENTO POST CONGRESSUALE

Venerdì, 5 settembre 2008

- 15.00-17.40 **Workshop in occasione del 70° compleanno del Prof. R. Romeo: Aspetti meccanicistici e sintetici in chimica di coordinazione ed organometallica**
Chairman: Prof. Luigi Monsù Scolaro
Interventi:
Prof. Giovanni Natile
Mechanistic insights in the cellular uptake and processing of cisplatin 30 years after its approval from F.D.A.
Prof. Claudio Pettinari
Organometallic Derivatives of Scorpionates
Prof. Alceo Macchioni
Detecting and Quantifying Intermolecular Interactions in Solution by NMR
Prof. Francesco Paolo Fanizzi
Platinum complexes with DMSO and chelate ligands: Old stories and new frontiers
Prof. Raffaello Romeo
Aspetti meccanicistici della chimica del platino

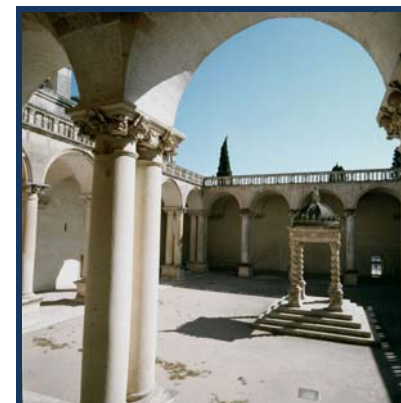


UNIVERSITÀ DEL SALENTO



SOCIETÀ CHIMICA ITALIANA

XXXVI Congresso Nazionale della Divisione di Chimica Inorganica della Società Chimica Italiana



Programma del Congresso

Lecce, 1-5 Settembre 2008

Hotel Tiziano, Sala Tiziano, Viale Porta D'Europa