



Elenco Poster

SESSIONE POSTER 1 - Martedì 14/08/2010

- P1 Gabriele Albertin, Stefano Antoniutti, Jesus Castro
Preparation of half-sandwich alkoxy carbene complexes of osmium
- P3 Orazio Amata, Tiziana Marino, Nino Russo and Marirosa Toscano
Catalytic activity of a z-class zinc and cadmium containing carbonic anhydrase. Compared work mechanisms
- P5 Davide Barreca, Daniela Bekermann, Elisabetta Comini, Anjana Devi, Roland A. Fischer, Alberto Gasparotto, Chiara Maccato, Cinzia Sada, Giorgio Sberveglieri, Eugenio Tondello
1-D ZnO Nano-Assemblies As Gas Sensors With Outstanding Performances
- P7 M. Beccari, F. Caprioli, F. Decker, V. Di Castro
Self-assembling of aromatic thiols on copper surface
- P9 Marco Bortoluzzi, Gino Paolucci, Bruno Pitteri, Piero Zennaro
New palladium, platinum and gold complexes with tridentate quinoline-imine-pyridine, quinoline-imine-thiazole and quinoline-imine-imidazole ligands
- P11 Claudia Caltagirone, Vito Lippolis, Valeria Meli, Carla Bazzicalupi
Color tuning of a copper complex based on quinoline pendant arm derivative of [9]aneN₃
- P13 Carlo Castellano, Alberto Albinati, Silvia Rizzato
Neutrons in Chemistry: Small angle neutron scattering and reflectivity for characterization at the nanoscale
- P15 M. Congiu, O. Moudam, P. Richardson, B. Rowan, B. Richards, A. Jones, N. Robertson
Lanthanide complexes for luminescent solar concentrators
- P17 Fabrizio Caprioli, Valeria Di Castro and Franco Decker
Comparison of Cu passivation by aromatic vs. alkylic thiols
- P19 Francesco Amoroso, Ulma Cersosimo, Alessandro Del Zotto
Promoting a Sustainable Cross-Coupling Process: the Suzuki-Miyaura Reaction Catalyzed by Palladium Sponge, Wire or Foil
- P21 Barbara Di Credico, Luca Gonsalvi, Maurizio Peruzzini, Gianna Reginato, Andrea Rossin
Synthesis of Novel Molecular and Polymeric Organometallic Architectures: towards New Materials

- P23 E. Di Santo, Maria del Carmen Michelini and Nino Russo
Activation of ethane by Th^{2+} and U^{2+} in the Gas-Phase: a theoretical study
- P25 Davide Espa, Luciano Marchiò, Maria Laura Mercuri, Luca Pilia, Angela Serpe, Alberto Barsella, Alain Fort, and Paola Deplano
Synthesis and characterization of M^{II} ($\text{M}^{\text{II}}=\text{Ni}, \text{Pd}, \text{Pt}$) Mixed-Ligand Dithiolene Complexes Showing NLO Properties
- P27 Michele Benedetti, Daniela Antonucci, Danilo Migoni, Francesco P. Fanizzi
Decomposition mechanism of cationic complexes: $[\text{PtCl}(\eta^2\text{-C}_2\text{H}_4)(\text{R},\text{R}\text{-chxn})]^+$ and $[\text{PtCl}(\eta^2\text{-C}_2\text{H}_4)(\text{S},\text{S}\text{-chxn})]^+$, new potential antitumor *pro*-drugs
- P29 L. Ronconi, M. Negom Kouodom, F. Formaggio, D. Fregona
Gold(III) complexes with functionalized peptides as improved intracellular drug transfer and delivery systems in cancer chemotherapy
- P31 Denis Gentili and Massimiliano Cavallini
Synthesis and patterning of Gold Nanorods: towards new functional materials
- P33 Roberto Gobetto, Carlo Nervi, Luca Salassa, Elisa Borfecchia, Tiziana Ruiu, Diego Gianolio, Peter J. Sadler, Carlo Lamberti
Photorelease on Selected Ru Polypyridyl Complexes
- P35 Silvia Gross, Federica Maratini, Luciano Pandolfo, Maria Bendova, Ulrich Schubert, Matthias Bauer, Silvia Rizzato, Alberto Albinati, Massimiliano Rocchia, Alfonso Venzo, Eugenio Tondello
From *thioxo*cluster to *dithio*cluster: exploring the chemistry of polynuclear Z and Hf complexes with S,O and S,S ligands
- P37 Piera Moro, Maria Pia Donzello, Claudio Ercolani, Fabrizio Monacelli, Giuliano Moretti
 TiO_2 -based photocatalysts in the decontamination of waters from organic pollutants
- P39 Niksa Kulisic, Aurelio Mateo-Alonso
Large azaacenes for organometallic networks
- P41 Maria E. Cucciolito, Augusto de Renzi, Matteo Lega, Giuseppina Roviello, Francesco Ruffo
Unusual reactivity of olefin/alkyl Pt(II) complexes containing N,N'-iminoamide ligand
- P43 Maria Grazia Lobello, Simona Fantacci, Filippo De Angelis
Electronic, Optical and Acid-Base Properties of Ru(II) Dyes for Photoelectrochemical Solar Cells Applications
- P45 I. Boscarato, N. Hickey, J. Kašpar, L. Bertinetti, M. Botavina and G. Martra
Support effects on the activity of silver catalysts for the selective reduction of NO by propene
- P47 Rita Mazzoni, Luigi Busetto, M. Cristina Cassani, Cristina Femoni, Michele Mancinelli, Gavino Solinas
N-heterocyclic carbenes rhodium complexes: conformational analysis and catalytic studies

- P49 Rino A. Michelin, Silvia Mazzega Sbovata, Cristina Marzano, Valentina Gandin, Roberta Bertani, Mirto Mozzon, Franco Benetollo
Iminothioether Complexes of Platinum(II): Synthesis, Characterization and Cytotoxic Activity
- P51 Montagner, D. Zangrando, E. Longato, B.
Metal-mediated synthesis of a new class of amidines
- P53 Elisa Moretti, Maurizio Lenarda, Loretta Storaro, Aldo Talon, Enrique Rodríguez Castellón, Antonio Jiménez-López, Juan Pedro Holgado
Ce-Zr-Cu mixed oxide with layered morphology for the on-board H₂ purification by preferential CO oxidation
- P55 Ilaria Cianchetta, Daniela Sordi, Valeria Gugliemotti, Francesco Toschi, Silvia Orlanducci, Maria Letizia Terranova
Methodologies for the synthesis of new nanocrystalline Prussian Blue analogues
- P57 Federica Garau, Magda Monari, Luciano Pandolfo, Claudio Pettinari
1-, 2- and 3-D CPs from Cu^{II} bicarboxylates with pyrazole.
- P59 Grazia Papini, Maura Pellei, Giancarlo Gioia Lobbia, Rossana Galassi, Simone Ricci, Simone Alidori, H. V. Rasika Dias, Carlo Santini
Copper(I) complexes of mono-, bis- and tris-(3-nitropyrazol-1-yl)borate ligands
- P61 Patrizia Siega, Renata Dreos, Claudio Tavagnacco, Višnja Vrdoljak
Synthesis, Characterization and Electrochemical Behaviour of Co(II) and Co(III) Complexes with Salen-type Ligand
- P63 E. Petruzzella, N. Margiotta, N. Denora, R. Ostuni, V. Laquintana, G. Trapani, and G. Natile
TSPO-seeking Pt(II)- and Pt(IV)-complexes.
- P65 Eleuterio Álvarez, Agustin Galíndo, Fabio Marchetti, Alessandro Marinelli, Claudio Pettinari, Riccardo Pettinari
Coordination Chemistry of two N₂-donor chelating di(indazolyl)methane ligands: structural characterization and comparison of their metal chelation aptitudes
- P67 M. C. Aragoni, M. Arca, S. Eid, D. Lorcy, A. Pintus, R.A.M. Randall, A.M.Z. Slawin, J.D. Woollins
An experimental and theoretical approach to novel [Pt(diimine)(dithiolato)] complexes for ICT applications
- P69 M. Ravera, C. Francisco, S. Gama, F. Mendes, F. Marques, I. C. Santos, A. Paulo, I. Santos, E. Gabano, D. Osella
Synthesis, Structural Studies and In Vitro Antiproliferative Activity of a Series of Pt(II) Complexes with Bidentate and Tridentate Pyrazolyl Derivatives
- P71 Luca Rigamonti, Alessandra Forni, Alessandro Pasini, Roberta Pievo, Jan Reedijk
Dinuclear Copper(II) Complexes with Tridentate Schiff Base Ligands Bridged by Aliphatic Diamine and Aromatic Diimine Linkers: Magnetic Communication Between the Metal Ions Over Long Distances

- P73 Maria Vittoria Russo, Ilaria Fratoddi, Iole Venditti, Chiara Battocchio, Giovanni Polzonetti, Cesare Cametti
Noble metals nanoparticles and conjugated polymers for the synthesis of hydrophobic and hydrophilic core shell systems
- P75 Monica Saladini, Erika Ferrari, Gaetano Marverti, Francesca Pignedoli, Ettore Venturi
New curcumin derivatives as metal chelating agents
- P77 Amaia Saracibar, Mario Casciola, Antonio Laganà, Riccardo Vivani
Molecular Dynamics In Zirconium Phosphate Systems
- P79 A. Sartori, N. El Habra, M. Bolzan, G. Rossetto, S. Sitran, D. Barreca, A. Gasparotto, M. Casarin
Stability study of a magnesium β -diketonate as precursor for chemical vapor deposition of MgO
- P81 S. Scaravaggi, M. Galletta, M. Mariani, A. Mele, W. Panzeri
New 1,10-phenanthroline derivatives for the separation of minor actinides from lanthanides from acid solutions for nuclear waste management
- P83 E. Sessini, K. Kubo, P. Deplano, F. Artizzu, A. Serpe, L. Pilia, D. Espa, M. Yamashita, M. L. Mercuri
Multifunctional Molecular Materials Based on [MnIII]₂ SMM and Conducting Metal Dithiolene Complexes
- P85 Marilù Sinisi, Valentina Gandin, Francesco P. Intini, Christine Marzano, Concetta Pacifico and Giovanni Natile
Antitumoral pivaloamidine platinum(II) complexes prepared from their platinum(IV) precursors
- P87 Loretta Storarò, Maurizio Lenarda, Elisa Moretti, Aldo Talon, Dario Levantini, Romana Frattini
Role of the thermal treatment on a porous Ce-Zr-Cu oxide system with layered morphology
- P89 M. Cargnello, P. Fornasiero, V. Gombac, M. Graziani, B. Lorenzut, and T. Montini
Embedded metal nanoparticles as heterogenous catalysts: Advantages and disadvantages
- P91 N. El Habra, F. Visentin, M. Bolzan, R. Gerbasi, D. Barreca, A. Gasparotto, S. Battiston, M. Casarin, G. Rossetto
LP-MOCVD growth and characterisation of Fe₂O₃/TiO₂ systems
- P93 Luigi Busetto, Fabio Marchetti, Rita Mazzoni, Mauro Salmi, Stefano Zacchini, Valerio Zanotti
Diiron complexes with bridging functionalized organic frames as organometallic ligands: formation of heteropolymetallic species
- P95 S. Magnani, S. Sterchele, P. Centomo, M. Zecca
Ruthenium nanoparticles supported on acidic functional resins as bifunctional catalysts for the hydrogenolysis of glycerol to 1,3-propanediol
- P97 Edoardo Cesarotti, Isabella Rimoldi, Daniele Zerla
Chiral Aminoquinoline for Ruthenium catalysed asymmetric reduction of ketones.

- P99 F. Renili, M. Hayatifar, A. M. Raspolli Galletti, G. Pampaloni, L. Bernazzani
Titanium *N,N*-dialkylcarbamato complexes as precursors for homo- and copolymerization of α -olefins
- P101 Corrado Crotti, Nicol Guidolin, Erica Farnetti
Alternative intermediates for glycerol valorization: iridium-catalyzed formation of acetals and ketals

SESSIONE POSTER 2 - Mercoledì 15/08/2010

- P2 Marta E. Alberto, Nino Russo
Methionine Ligand selectively promotes monofunctional adducts between *trans-EE* platinum compound and Guanine DNA base
- P4 Daniela Antonucci, Michele Benedetti, Cosimo Ducani, Danilo Migoni, Chiara R. Girelli, Alessandro Romano, Tiziano Verri, Francesco P. Fanizzi
Possible incorporation of free *N7*-platinated guanines in RNA by RNA polymerases
- P6 Irene Bassanetti, Marcello Gennari, Mattia Marengi, Lisa Elviri, Luciano Marchiò
 Li^+ , Cu^+ and Ag^+ oligonuclear structures with sterically demanding bis(3,5-*tert*-butyl-pyrazol-1-yl)dithioacetate heteroscorpionate ligand
- P8 S. Bordoni, F. Tassinari, R. Tarroni, M. Monari, L. Busetto
Solvent-driven helicity in the propeller-like $\text{Cp}^{\text{OOO}}\text{Rh}(\text{NBD})$
- P10 J. Bratsos, E. Mitri, C. Simonin, E. Zangrando, E. Alessio
Development of new half-sandwich Ru coordination compounds as potential antitumor agents
- P12 A. Caselli, V. Dal Santo, A. Galarneau, B. Castano, E. Gallo, Y. Hönemann, R. Psaro
Straightforward heterogeneization of Cu(I) complexes of chiral pyridine containing macrocyclic ligands (Pc-L^*) and their applications to cyclopropanation reactions.
- P14 Sunil S. Choudhary, Aurelio Mateo-Alonso
Towards the synthesis of extended ruthenium (II)hexaazatrinaphthylene (HATNA) complexes
- P16 Matteo Amelia, Stefania Impellizzeri, Simone Monaco, Ibrahim Yildiz, Francisco M. Raymo, and Alberto Credi
Electrochemical properties of CdSe-ZnS quantum dots
- P18 Matteo Daghetta, Simona El Afefey, Luigi Garlaschelli, Alessandro Ceriotti, Giuseppe Lapadula, Piero Zanello, and Angelo Sironi
Metal carbonyl clusters–multiphosphanes aggregates
- P20 Matteo De March, Rita De Zorzi, Angela Casini, Luigi Messori and Silvano Geremia
Electron transfer complexes: experimental mapping of the redox-dependent cytochrome C electrostatic surface

- P22 S. Diodat, U. Russo, L. Nodari, L. Lutterotti, M.M. Natile, E. Tondello, S. Gross
Nanosized strontium ferrites: wet-chemistry synthesis and characterization
- P24 Simona El Afefey, Alessandro Ceriotti, Matteo Dagheta, Piero Zanello, Serena Fedi, Piero Macchi, Roberto Della Pergola, Annalisa Sironi
AuPPh₃ fragment as Pt carbonyl cluster stabilizer
- P26 Fabrizia Fabrizi de Biani, Serena Fedi, François Riobé, Thomas Cauchy and Narcis Avarvari
CD Spectroelectrochemistry of TTFBOX chiral ligand and its tetracarbonyl-molybdenum complex
- P28 Serena Fedi, Piero Zanello, Roberto Della Pergola, Annalisa Sironi, Omar Villa, Carlo Manassero, Mario Manassero
Electrochemistry and spectroelectrochemistry of Fe-Cu carbide cluster dimers
- P30 Alessandra Garau, Pierluigi Caboni, Francesco Demartin, Francesco Isaia, Vito Lippolis
A new phosphine-sulfide based chemosensor for the detection of Hg²⁺ ion.
- P32 Roberto Gobetto, Carlo Nervi, Giorgio Volpi, Martina Sandroni
Grafting iridium and ruthenium complexes on carbon surfaces by means of electrochemical oxidation
- P34 Roberto Gobetto, Riccardo Pettinari, Claudio Pettinari, Fabio Marchetti, Carlo Nervi, Michele R. Chierotti, Brian W. Skelton, Allan H. White
Solid-State ¹⁵N CPMAS NMR and computational analysis of ligand apticity in rhodium poly(pyrazolyl)borate diene complexes
- P36 Elisabetta Iengo, Andrea Brugnara, Ennio Zangrando, Enzo Alessio
Pyridylporphyrin metallacycles - effect of the metal
- P38 Francesco Isaia, M. Carla Aragoni, Massimiliano Arca, Claudia Caltagirone, Carlo Castellano, Alessandra Garau, Vito Lippolis, Gaetano Verani
Elemental mercury oxidative dissolution by I₂-adducts of methimazole and prophythiouracil
- P40 Marta Argenti, Ivano Bertini, Isabella C. Felli, Daniela Lalli, Stefano Mangani, Cecilia Pozzi, Camilla Rosa, Elizabeth C. Theil and Paola Turano
Iron uptake by ferritin: the biomineral precursors
- P42 S. Livraghi, M.C. Paganini and E. Giamello
SO₂ reactivity on the alkaline earth oxide surfaces: a CW-EPR study of oxo-sulphur radical anions.
- P44 Tommaso Carofiglio, Elisabetta Comini, Alberto Gasparotto, Elisa Lubian, Chiara Maccato, Giorgio Sberveglieri
Self-assembly of porphyrin-dyads on pre-activated Si substrates
- P46 Marta E. Alberto, Gloria Mazzone, Nino Russo, Emilia Sicilia
The mutual influence of non-covalent interactions in p-electron deficient cavities: the case of anion recognition by tetraoxacalix[2]arene[2]triazine

- P48 Lidia Fanfoni, Angelo Meduri, Ennio Zangrando, Sergio Castellón, Fulvia Felluga, Barbara Milani
New hybrid P-N ligands: coordination chemistry to palladium and catalytic activity in alkene dimerization
- P50 Stefano Milione, Maria Strianese, Valerio Bertolasi and Alfonso Grassi
Heteroscorpionate-based Zn²⁺, Co²⁺ and Cu²⁺ complexes: synthesis, characterization and hydrogen sulfide sensing
- P52 Sandeep More, Aurelio Mateo-Alonso
Enroute to linear azaacene metal complexes
- P54 Lorenza Operti, Roberto Rabezzana, Francesca Turco
Gas phase reactivity of protonated germanium tetrafluoride
- P56 Silvia Orlanducci, Daniela Sordi, Iaria Cianchetta, Valeria Gugliemotti, Francesco Toschi, Emanuela Tamburri,, Maria Letizia Terranova
Hybrid Au/carbon nanotubes systems for Surface Enhanced Raman detection of organic volatile solvents.
- P58 Gino Paolucci, Marco Bortoluzzi, Federica Sartor
Synthesis and characterization of new palladium complexes with pyridin-isourea ligands
- P60 Renata Dreos, Silvano Geremia, Lucio Randaccio, Roger Schibli, Patrizia Siega, Robert Waibel
Vitamin B₁₂ bioconjugates as carriers of metals with antitumor diagnostic or therapeutic activity
- P62 M. Pellej, C. Santini, G. Papini, G. Gioia Lobbia, R. Galassi, S. Ricci, F. Tisato, M. Porchia, V. Gandin, C. Marzano
Water soluble copper(I), silver(I) and gold(I) complexes supported by hydrophilic alkyl phosphine ligands with In vitro antitumour activity
- P64 Corrado Di Nicola, Fabio Marchetti, Carlo Nervi, Claudio Pettinari, Riccardo Pettinari
Syntheses, structures, and spectroscopy of uni- and bi-dentate nitrogen base complexes of silver(I) trifluoromethanesulfonate
- P66 Monica Pica, Mario Casciola, Anna Donnadio, Elisabetta Troni
Preparation and thermal behaviour of gels of zirconium phosphate in aliphatic alcohols.
- P68 M. Rancan, L. Armelao, E. Tondello, A. Dolmella, G. Bandoli, S. Quici, S. Orlandi, S. Rizzato, A. Albinati, L. Sorace, D. Gatteschi
Copper (II) phenyl bis(acetylacetonate) complexes
- P70 Giovanni Ricci, Giuseppe Leone, Aldo Boglia, Antonella C. Boccia, Lucia Zetta, Alessandra Forni, Anna Sommazzi, Francesco Masi
Novel allyl cobalt phosphine complexes: synthesis, characterization and behavior in the polymerization of allene, 1,3-dienes and norbornene
- P72 L. Ronconi, G. Boscutti, D. Fregona
Reactivity of gold(III)-based anticancer agents toward model biomolecules: an NMR investigation

- P74 S. De Negri, P. Solokha, A. Saccone
Crystal structure investigation of La-Ag-Mg intermetallics
- P76 Daniele Sanna, Eugenio Garribba, Giovanni Micera
Oxovanadium(IV) complexes with hydroxycarboxylic ligands
- P78 Manuele Sardi, Mauro Ravera, Elisabetta Gabano, Giuseppe Ermondi, Giulia Caron, Michael McGlinchey, Elena Monti, Marzia B. Gariboldi Domenico Osella
Pt (II) complexes with bis-imidazole ligands
- P80 Mariarosaria De Simone, Svetlana Avvakumova, Annarita Del Gatto, Michele Saviano, Carlo Pedone, Francesca Porta, Laura Zaccaro
Preparation and characterization of new functionalized gold nanoparticles
- P82 Francesco Scarel, Aurelio Mateo-Alonso
Loading chromophores on fullerene-stoppered rotaxanes
- P84 Sgarbossa Paolo, Scarso Alessandro, Trentin Francesco, Michelin Rino, Strukul Giorgio, Wass Duncan, Chapman Andrew
Platinum(II) diphosphinamine complexes for the hydration of alkynes in micellar media
- P86 M. Skrobanska, S. De Negri, A. Saccone, S. Delfino
Mechanical alloying applied to Mg–Ti–Si and Mg–Zn–Si systems
- P88 Alina Ciammaichella, Pietro Tagliatesta
Ruthenium porphyrin bound to a Merrifield resin as heterogeneous catalyst for the cyclooligomerization of arylethyne
- P90 Mirella Verdecchia, Cristina Tubaro, Andrea Biffis
Olefin cyclopropanation with aryldiazocompounds: efficient catalysis by a dirhodium(II) complex
- P92 Riccardo Vivani, Marco Taddei, Ferdinando Costantino
Coordination polymers based on zirconium aminophosphonates
- P94 Cristina Femoni, Maria Carmela Iapalucci, Giuliano Longoni, Stefano Zacchini and Salvatore Zarra
Interaction of metal carbonyl clusters with Lewis acids and bases
- P96 M. Zecca, P. Centomo, C. Meneghini, P. Canton, C. Burato, M. Rovezzi, S. Mobilio
Structure-activity relationship of nanosized Au-Pd catalysts as derived combining XAFS, anomalous-XRD and TEM
- P98 Daniele Zuccaccia, Gianfranco Bellachioma, Leonardo Belpassi, Luca Rocchigiani, Francesco Tarantelli, Cristiano Zuccaccia and Alceo Macchioni
Intramolecular and interionic characterization of gold (I) complexes

P100 Fabio Marchetti, Sara Dolci, Guido Pampaloni, Stefano Zacchini
Unprecedented amide dimerization via C–N coupling promoted by molybdenum pentachloride at
room
temperature