

## Elenco poster

- P1 Gabriele Albertin, Stefano Antoniutti, Alessandra Botter, Jesús Castro  
*Cyclization of coordinated diazoalkane to alkene and alkyne to afford 3H-pyrazole derivatives*
- P2 Gabriele Albertin, Stefano Antoniutti, Jesús Castro  
*Preparation and reactivity with nucleophiles of bis(cyanamide) and bis(cyanoguanidine) complexes of the iron triad*
- P3 Michele Benedetti, Daniela Antonucci, Chiara R. Girelli, Francesco Capitelli and Francesco P. Fanizzi  
*New insights into reactivity of  $[Pt(\eta^1-C_2H_4OR)Cl(N-N)]$ ,  $N-N =$  diimine ligand, with phenolate derivatives. Single crystal X-ray structure of syn- and anti- $[Pt(N-N)(4-Me-C_6H_4O)_2]$  rotamers*
- P4 Anatoliy P. Marchenko, Heorgiy N. Koidan, Anastasiya N. Hurieva, Aleksandr N. Kostyuk, Cristina Tubaro, Samira Lollo, Andrea Biffis  
*Dinuclear coinage metal complexes with N-phosphorylated azolylidene ligands*
- P5 Gianluca Cera, Andrea Biffis, Patrizia Canton, Alberto Villa, Laura Prati  
*Metal nanoclusters stabilised by pH-responsive microgels: synthesis, characterisation and catalytic efficiency*
- P6 Cristiana Cesari, Rita Mazzoni, Letizia Sambri, Valerio Zanotti  
*Microwave assisted synthesis of Shvo's type catalysts*
- P7 Iacopo Ciabatti, Cristina Femoni, Maria Carmela Iapalucci, Giuliano Longoni, Tatiana Lovato and Stefano Zacchini  
 *$PPh_3$ -Derivatives of  $[Pt_3n(CO)_6n]_2$ - ( $n= 2-4$ ) Chini's Clusters: Syntheses and Characterization*
- P8 Anna Gatti, Paolo Pelagatti, Alessia Bacchi  
*Molecular architectures based on half-sandwich Ru(II) complexes containing naphthalenediimide ligands*
- P9 Roberto Gobetto, Cunfa Sun, Claudio Cometto, Federico Franco, Carlo Nervi  
*Synthesis and Characterization of Re(I) and Mo(0)-carbonyl diimine Complexes for Photo- and Electrocatalytic Reduction of  $CO_2$*
- P10 Piero Mastrorilli, Mario Latronico, Vito Gallo, Stefano Todisco, Ulli Englert  
*Reactivity of a Terminal Phosphido Pt Complex with Electrophiles and Nucleophiles*
- P11 Ilaria Fratoddi, Iole Venditti, Laura Fontana, Maurizio Quintiliani, Maria Vittoria Russo, Fabrizio Caprioli, Luigi Quercia  
*Organometallic polymers containing Pt(II) and Pd(II) centers as ethylene absorbers for the control of fruit and vegetable shelf life*
- P12 Alberto Gabiccini, Rita Mazzoni, Valerio Zanotti, Isacco Gualandi, Domenica Tonelli  
*Diiron complexes with bridging hydrocarbyl ligands as hydrogen-producing electrocatalysts*

- P13 Manuela Alessio, Ilaria Zanellato, Ilaria Bonarrigo, Elisabetta Gabano, Mauro Ravera, Domenico Osella  
*Pt(IV) – histone deacetylase inhibitor conjugates for cytotoxicity studies on MPM cells*
- P14 Corrado Atzeri, Amelia Barilli, Irene Bassanetti, Luciano Marchiò  
*Cytotoxic activity on tumor cell lines of Cu(II) complexes with functionalized quinolones*
- P15 M. Carcelli, A. Bacchi, G. Rispoli, D. Rogolino, C. Compari, E. Fisicaro, N. Neamati, L. De Luca, S. Ferro, A. Chimirri  
*HIV-1 IN Strand Transfer Inhibitors: a coordinative study*
- P16 G. Caserta, C. Cerrone, C. Vicari, L. Lista, O. Maglio, F. Nastri, V. Pavone, A. Lombardi  
*A new Cobalt-Porphyrin mimetic: Co<sup>III</sup>-Mimochrome VI-2U1L*
- P17 Gabriella Tamasi, Renzo Cini  
*Novel Ruthenium Nitrosyl and Carbonyl Complexes with Pyridine and Azole Heterocycles as Potential Anticancer Drugs*
- P18 Daniele Bani, Andrea Bencini, Luca Conti, Paola Failli, Claudia Giorgi, Tiziano Marzo, Stefano Puccioni, Fulvio Uggeri, Barbara Valtancoli  
*Synthesis and study of biocompatible manganese(II) complexes as potential anti-inflammatory agents*
- P19 Sandra A. De Pascali, Antonella Muscella, Carla Vetrugno, Santo Marsigliante, Francesco P. Fanizzi  
*New Pt(II) complexes with acetylacetonate and amines: synthesis, characterization and cytotoxic activity*
- P20 Francesco Paolo Fanizzi, Carla Vetrugno, Antonella Muscella, Danilo Migoni, Sandra A. De Pascali, Santo Marsigliante  
*[Pt(O,O'-acac)( $\gamma$ -acac)(DMS)]: a comparative study with cisplatin in vivo*
- P21 F. Bisceglie, A. Musiari, S. Pinelli, R. Alinovi, I. Menozzi, E. Polverini, P. Tarasconi, M. Tavone, and G. Pelosi  
*Quinoline-2-carboxaldehyde thiosemicarbazones and their copper(II) and nickel(II) complexes as topoisomeraseIIa inhibitors*
- P22 C. Solinas, M.A. Zoroddu, M. Peana, S. Medici, M. Remelli, V.M. Nurchi  
*Protein PARK9 and its interaction with divalent cations*
- P23 Valentina Oliveri, Maurizio Viale, Cinzia Aiello, Graziella Vecchio  
*Glycosilated conjugates of copper(II) chelating agents as  $\beta$ -galactosidase-activated prodrugs*
- P24 Viola Viganò, Ilaria Alfieri, Andrea Lorenzi, Fabio Orlandi, Angelo Montenero  
*Synthesis and photocatalytic activity of rare earth doped Titania*
- P25 Davide Capucci, Alessia Bacchi, Paolo Pelagatti, Anna Gatti  
*Halogen bond and hydrogen bond in cocrystal structures of pyridine derivatives*
- P26 Riccardo Carlini, Marcella Pani, Gilda Zanicchi, Giorgio Andrea Costa  
*Structural and electrical properties of NiSbS, As doped phase*

- P27 Raffaele Cucciniello, Carmine Capacchione, Oriana Motta, Antonio Proto  
*Catalytic aldehydes reduction in the presence of nanoporous calcium aluminate*
- P28 Raffaele Cucciniello, Carmine Capacchione, Oriana Motta, Antonio Proto  
*Interactions between NO<sub>x</sub> and CaO/Ca<sub>12</sub>Al<sub>14</sub>O<sub>33</sub> sorbents*
- P29 S. Delsante, G. Borzone  
*Temperature phase equilibria evolution in the Gd–Ni–Al intermetallic system*
- P30 Antonello Filippi, Maurizio Speranza, Caterina Frascetti, Maria Elisa Crestoni, and Tadashi Ema  
*Structure and reactivity of supramolecular systems acting as highly selective “chemo-logic” devices in the gas phase*
- P31 Laura Fontana, Ilaria Fratoddi, Iole Venditti, Maurizio Quintiliani, Chiara Battocchio, Roberto Matassa, Maria Vittoria Russo  
*Synthesis and characterization of gold nanoparticles functionalized with thiolate bifunctional ligands*
- P32 Elio Giamello, Chiara Gionco, Stefano Livraghi, Maria Cristina Paganini  
*Structural and spectroscopic characterization of CeO<sub>2</sub>-TiO<sub>2</sub> mixed oxides*
- P33 Daniela Maggioni, Paolo Arosio, Francesco Orsini, Tomas Orlando, Anna M. Ferretti, Elisabetta Ranucci, Paolo Ferruti, Alessandro Lascialfari, Giuseppe D’Alfonso  
*Superparamagnetic Iron Oxide Nanoparticles Stabilized by a Poly(amidoamine)-Rhenium Complex as Potential Dual Imaging Probes for Theranostic Applications*
- P34 Saverio Nanna, Fabrizia Grepioni, Dario Braga, Laura Chelazzi, Tiziana Chiodo  
*Chiral vs. racemic forms of agrochemicals: polymorphism of imazamox*
- P35 Morena Nocchetti, Monica Pica, Anna Donnadio, Ferdinando Costantino, Ridolfi Berardo  
*Recent progress on silver nanoparticles supported Layered Double Hydroxides*
- P36 P. Riani, M.A. Lucchini, G. Garbarino, F. Canepa, G. Busca  
*Synthesis of Ni nanoparticles and their behaviour as catalysts in the conversion of ethanol in the presence of steam*
- P37 Luca Rigamonti, Marco Piccioli, Andrea Nava, Andrea Cornia, Luigi Malavolti, Roberta Sessoli  
*Fluorinated Ligands for Volatile Fe<sub>4</sub> Single Molecule Magnets*
- P38 Silvia Rizzato, Alberto Albinati, Angiolina Comotti, Massimo Moret  
*Structural characterization of absorption in nanoporous materials*
- P39 Ilaria Fratoddi, Iole Venditti, Maria Vittoria Russo, Antonio Sticca, Laura Fontana, Martina Meringolo, Giampiero Tempera, and Enzo Agostinelli  
*Core-shell gold nanoparticles as a tool for the delivery of antitumor agents*
- P40 Adriana Saccone, Pavlo Solokha, Serena De Negri, Davide M. Proserpio  
*Interplay between composition, crystal structure and chemical bonding peculiarities in La–Mg–Ge ternary compounds*

- P41 Lorenzo Veronese, Monica Panigati, Pierluigi Mercandelli, Francesca De Rossi, Thomas Brown, Alessandra Operamolla, Gianluca Farinola, Giuseppe D'Alfonso  
*Dinuclear hydride Re(I) complexes as photosensitizers in photovoltaic devices*
- P42 Flavia Artizzu, Francesco Quochi, Luciano Marchiò, Angela Serpe, Maria Laura Mercuri, Andrea Mura, Giovanni Bongiovanni and Paola Deplano  
*Combined chemical and photophysical studies on trinuclear Yb and mixed Yb-Er homoleptic quinolinolato complexes*
- P43 Francesco Bartoli, Andrea Bencini, Claudia Giorgi, Eleonora Macedi, Paola Paoli, Stefano Puccioni, Patrizia Rossi, Barbara Valtancoli  
*New Polyamine-based Fluorescent receptors for metal ion chemosensing*
- P44 Federico Fregonese, Stefano Tinello, Manuela Alessio, Elisabetta Gabano, Mauro Ravera, Domenico Osella  
*A different way for the oxidation of the Pt(II) complexes*
- P45 Gabriele Manca, Andrea Ienco, Irene Mellone, Maurizio Peruzzini, Luca Rosi, Dörthe Mellmann, Henrik Junge, Matthias Beller, and Luca Gonsalvi  
*Mechanistic Details of Ru-catalyzed Formic Acid Dehydrogenation by DFT Computational Studies*
- P46 Emanuele Priola, Eliano Diana, Giuliana Gervasio, Elisabetta Bonometti, Roberto Rabezzana, Lorenza Operti  
*Coordination polymers of Hg(II) with 2,2'-bipyrimidine*
- P47 Emanuele Priola, Annamaria Deagostino, Eliano Diana  
*Uranyl complexes of highly fluorescent  $\beta$ -diketone*
- P48 Matteo Tegoni, Maurizio Remelli  
*Metallacrowns of  $\alpha$ -picolinehydroxamate and  $\text{Cu}^{2+}$ ,  $\text{Ni}^{2+}$  or  $\text{Zn}^{2+}$ : self-assembly in solution*
- P49 Ilaria Alfieri, Laura Bergamonti, Laura Lazzarini, Andrea Lorenzi, Angelo Montenero, Giovanni Predieri, Rosa Di Maggio, Fabrizio Girardi, Pier Paolo Lottici  
*Characterization and photocatalytic activity of  $\text{TiO}_2$  nanosols*
- P50 Valentina Emanuela Selva Bonino, Antonella Casoli, Paolo Cremonesi, Giovanni Predieri, Matteo Tegoni  
*Chelating agents for the cleaning of wall paintings: a study on the interactions with lime-mortar components*
- P51 Luca Rocchigiani, Vincenzo Busico, Antonello Pastore, Giovanni Talarico, Alceo Macchioni  
*Unconventional Hf-Pyridylamido/Ern (Ern =  $\text{ZnR}_2$  and  $\text{AlR}_3$ ) Heterobimetallic adducts*