

**Italian Photochemistry Meeting 2013**  
**Potenza, 28 Novembre– 1 Dicembre 2013**

**Programma**

**29 Novembre**

9.00 – 9.30 Apertura del Convegno

9.30 – 10.15 PL1 - **Guglielmo Lanzani** – *Ultrafast dynamics at photovoltaic interfaces*

10.15 – 10.35 OC1 - **Silvia Garbarino**, Andrea Basso, Luca Banfi, Andrea Riva - *Three in the spotlight: a photoinduced multicomponent approach to captodative olefins*

10.35 – 10.55 OC2 - **Christophe Lincheneau**, Francisco V. Saz, Tommaso Avellini, Serena Silvi, Alberto Credi - *Synthesis and studies of quantum dot/organic ligand photoactive hybrids for sensing applications in water*

10.55 – 11.25 Coffee break

11.25 – 11.45 OC3 - **Enrico Marchi**, Massimo Baroncini, Giacomo Bergamini, Fritz Vögtle, Paola Ceroni - *Light controlled meta-tweezing with azobenzene dendrimers*

11.45 – 12.05 OC4 - **Filippo Monti**, John Mohanraj, Meera Mohankumar, Béatrice Delavaux-Nicot, Jean-François Nierengarten, Nicola Armaroli - *Heteroleptic copper(I) complexes prepared from phenantroline and bis-phospine ligands: understanding their photophysical behavior*

12.05 – 12.25 OC5 - **Maria Vittoria Dozzi**, Cosimo D'Andrea, Gianluca Valentini, Elena Selli - *F-doped and N,F-codoped TiO<sub>2</sub> materials: photocatalytic activity vs. time-resolved photoluminescence*

12.25 – 12.45 OC6 - Davide Ravelli, **Stefano Protti**, Carlotta Raviola, Stefano Crespi, Maurizio Fagnoni, Angelo Albini - *A photochemical route to  $\alpha,n$ -didehydrotoluenes ( $\alpha,n$ -DHTs) via photogenerated phenyl cations*

Pranzo

15.00 – 15.45 PL2 - **Sebastiano Campagna** – *Artificial photosynthesis: a supramolecular approach*

- 15.45 – 16.05 OC7 - **Jennifer Molloy**, M. Locritani, Y. Yu, G. Bergamini, M. Baroncini, B. A. Korgel, P. Ceroni - *Silicon nanocrystals coated by photoactive pyrene molecules: new organic-inorganic hybrid materials*
- 16.05 – 16.25 OC8 - **Giulia Battistelli**, Andrea Cantelli, Enrico Rampazzo, Marco Montalti - *Thiolates containing nanoparticles as templates for luminescent copper nanostructures*
- 16.25 – 16.45 OC9 - **Gian Luca Chiarello**, Elena Selli - *Photocatalytic H<sub>2</sub> production over flame made fluorinated Pt/TiO<sub>2</sub>*
- 16.45 – 17.15 Coffee break
- 17.15 – 17.35 OC10 - **Luigi Tarpani**, Loredana Latterini - *Influenza di nanostrutture metalliche sui cammini di disattivazione di fluorofori organici*
- 17.35 – 17.55 OC11 - Thomas Bura, **Francesco Nastasi**, Fausto Puntoriero, Sebastiano Campagna, Raymond Ziessel - *Ultrafast energy transfer in tryptycene-grafted bodipy scaffoldings*
- 17.55 – 18.15 OC12 - **Alberto Bossi**, Peter J. Djurovich, Mark E. Thompson - *Tunable dual-emission from cyclometallated Ir(III) complexes carrying emissive aryl-isocyanide ancillary ligands*

### 30 Novembre

- 9.30 – 10.15 PL3 - **Gianluca Farinola** – *Nanohybrids from photoactive organic molecules and photosynthetic microorganisms*
- 10.15 – 10.35 OC13 - **Andrea Cantelli**, Giulia Battistelli, Sara Bonacchi, Fabrizio Mancin, Marco Montalti - *Photo-switching the luminescence of gold nanoparticles*
- 10.35 – 10.55 OC14 - **Monica Panigati**, Pierluigi Mercandelli, Matteo Mauro, Cristina C. Avila, Enrico Marchi, Paola Ceroni, Luisa De Cola, Giuseppe D'Alfonso - *Dinuclear rhenium(I) tricarbonyl complexes containing 4-phenylpyridazine ligands as triplet photosensitizers for triplet-triplet annihilation up-conversion*

10.55 – 11.25 Coffee break

- 11.25 – 11.45 OC15 - **Valentina Carboni**, Monica Semeraro, Alberto Credi - *Azobenzene-based photoactive nano scale containers*
- 11.45 – 12.05 OC16 - **Ambra Guarnaccio**, M. D'Auria, R. Racioppi, R. Teghil, A. De Bonis, A. Santagata, P. Loukakos, D. Anglos - *Donor-acceptor oligothiophene-fullerenes triad: synthesis and preliminary photophysical characterization*
- 12.05 – 12.25 OC17 - **Aurore Fraix**, A. R. L. Gonçalves, V. Cardile, A. C. E. Graziano, T. A. Theodossiou, K. Yannakopoulou, S. Sortino - *A multifunctional bichromophoric nanoaggregates for fluorescence imaging and simultaneous photogeneration of RNOS and ROS*
- 12.25 – 12.45 OC18 - **Chiara Grazia**, Letizia Monico, Costanza Miliani, Aldo Romani - *Identificazione non-invasiva e proprietà fotofisiche di pigmenti a base di cadmio utilizzati nella pittura moderna e contemporanea*

#### Pranzo

- 15.00 – 15.45 PL4 - **John R. Gilchrist** - *Fluorescence spectroscopy: the journey of the photon, and what is important for measuring corrected spectra*
- 15.45 – 16.05 OC19 - **Mirco Natali**, Julien Boixel, Fabrice Odobel, Franco Scandola - *Long range charge separation in a ferrocene-(zinc porphyrin) naphthalenediimide triad. Asymmetric role of 1,2,3-triazole linkers*
- 16.05 – 16.25 OC20 - **Giuseppina Massaro**, Loredana Latterini - *Sintesi e caratterizzazione di nanomateriali ibridi luminescenti per emissione di upconversion*
- 16.25 – 16.45 OC21 - **Massimo La Deda**, Mauro Ghedini, Matteo Martini, Loredana Ricciardi, Elisabeta I. Szerb, Olivier Tillement - *Nanoparticelle di oro e silica inglobanti complessi di iridio e rutenio: un materiale funzionale in terapia fotodinamica ed imaging cellulare*
- 16.45 – 17.05 OC22 - Francesca M. Toma, Toan V. Pho, Bertrand Tremolet de Villers, Marcello La Rosa, **Fausto Puntoriero**, Young-Si Sun, Michael L. Chabinyc, Sebastiano Campagna, Galen D. Stucky, Fred Wudl - *Trasferimento elettronico fotoindotto in sistemi multicromoforici perilene di-immidi/trifenilammina*

17.05 – 17.35 Coffee break

17.05 – 18.35 Sessione poster

- P1 – **Andrea Basagni**, Luciano Colazzo, Marco Di Marino, Francesco Sedona, Daniel Forrer, Mauro Sambì - *Direct and fullerene-templated photochemical polymerization of functionalized porphyrins on a silver substrate*
- P2 – **Fausto Ortica**, Pier Luigi Gentili, Danilo Pannacci, Denis Jacquemin, Michel Frigoli - *Photochromic behaviour of helicene-based naphthopyrans*
- P3 – **Giuseppina La Ganga**, Viviana Mollica Nardo, Fausto Puntoriero, Serena Berardi, Andrea Sartorel, Mirco Natali, Marcella Bonchio, Franco Scandola, Sebastiano Campagna - *Molecular cobalt cubane catalysts for photo-induced water oxidation*
- P4 – **Sonia Stoia**, Maurizio D'Auria, Jos Kistemaker, M. Vlatkovic, B. Feringa – *A second-generation molecular motor elimination process: a computational investigation*
- P5 – **Ilaria Citro**, Cristina Crupi, Giuseppe Calogero, Gaetano Di Marco - *Spectroscopic and photoelectrochemical characterization of chlorophyllins as sensitizers for dye-sensitized solar cells*
- P6 – **Marie-Pierre Santoni**, Francesco Nastasi, Giuseppina La Ganga, Fausto Puntoriero, Sebastiano Campagna - *Complexes of Ru(II) and polyaza ligands for the sensitization of anodes in photoelectrochemical water-splitting cells*
- P7 – Carlotta Raviola, Hisham Qrareya, Davide Ravelli, Stefano Protti, **Maurizio Fagnoni**, Angelo Albini - *Close to the edge. Photochemical generation of triplet phenyl cations from chloroalkylbenzenes and weakly electron-poor aryl chlorides*
- P8 – **Sandra Belviso**, Giuseppe Giardullo, Mario Amati, Francesco Lelj - *Nanohybrid of Thio-Alkylporphyrazine Noncovalently Linked to Single-Wall Carbon Nanotubes for Photoinduced Electron Transfer*
- P9 – Maurizio Fagnoni, Filippo Bonassi, Alessandro Palmieri, **Stefano Protti**, Davide Ravelli, Roberto Ballini, Angelo Albini - *Photocatalytic continuous flow reaction. Synthesis of  $\gamma$ -lactones*
- P10 – **Antonio Santoro**, Sebastiano Campagna, Philippe P. Lainé - *Photophysical properties of new pyrimidyl anthracene species*
- P11 – **Elena Selli**, Maria Vittoria Dozzi, Gian Luca Chiarello, Ivan Grigioni - *Photocatalytic Hydrogen Production on Cu(II) Pre-grafted Pt/TiO<sub>2</sub>*
- P12 – Maurizio D'Auria, **Luigi Todaro**, Fausto Langerame, Antonio Scopa, Anna Maria Salvi - *Effect of UV-C irradiance on photochemical degradation of hydro-thermal treated turkey oak wood using FT-IR and XPS technique*
- P13 – Monica Brienza, Laura Scrano, Vincent Goetz, Serge Chiron, **Sabino A. Bufo** - *Heterogeneous photocatalysis and photo-Fenton of estradiol in wastewater*

P14 –Filomena Lelario, Laura Scrano, Samer Khalaf, Saleh Sulaiman, Maurizio D’Auria, Sabino A. Bufo - *Efficiency of blue-glass-metal oxides immobilized system in the photodegradation of different pharmaceuticals compounds*

18.35

Assemblea GIF / GIDF