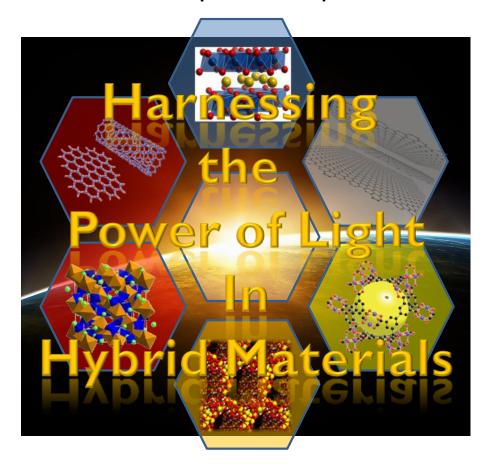








Workshop & NIS Colloquium



Torino, October 6th-7th 2016 Aula Cannizzaro, Via P. Giuria 7 Department of Chemistry, University of Torino

Organizers: C. Atzori, N. Barbero, C. Barolo, F. Bonino, B. Civalleri, J.G. Vitillo

The workshop is intended to be an informal and a high profile thematic discussion meeting aimed at highlighting the role and potential use of hybrid materials (with porous and non-porous frameworks) in light harvesting and energy transfer. Various exciting topics will be discussed from fundamentals to applications and devices, from host-guest confinement (e.g. dyes encapsulated in porous frameworks) to photo-catalysis, from photoactive therapy to tunable opto-electronic features and solar cells. Contributions will cover both experimental and theoretical viewpoints. The workshop is organized within the frame of NIS Colloquia a series of scientific meetings. The official language of the workshop is English.

A poster session (with buffet) will be organized at the end of the first day (October 6th, 2016)

Registration is free but requested

Speakers

- Jin-Chong Tan (University of Oxford, UK)
- Frederic Labat (Paristech, FR)
- Sachin Chavan (University of Oslo, NO)
- Enrica Gianotti (UPO, IT)
- Marco Milanesio (UPO, IT)
- Alessandra Operamolla (UniBA, IT)
- Claudio Minero (UniTO, Italy)

- Jorge Gascon (TUDelft, NL)
- Ruben D. Costa (FAU-Erlangen, DE)
- Federico Bella (PoliTO, IT)
- Gianmario Martra (UniTO, IT)
- Carlo Nervi (UniTO, IT)
- Giuseppe Paternò (IIT/PoliMI, IT)

PROGRAM

October 6th, 2016		October 7th, 2016	
14:30	Opening	9:00-9:45	Jorge Gascon, TUDelft "Metal Organic Frameworks as potential photocatalysts. Where are we and where are we heading?"
14:45-15:30	Jin-Chong Tan, University of Oxford "Tailoring Optoelectronic Properties of Host-Guest Metal- Organic Frameworks (MOFs)"	9:45-10:15	Alessandra Operamolla, Uni Bari "Drawing from natural materials for organic electronics"
15:30-16:00	Sachin Chavan, Uni Oslo "Scale up of Zr-based "UiO-66" MOFs"	10:15-10:45	Enrica Gianotti, UPO "The therapeutic effect of light: hybrid nanoplatforms for photodynamic therapy"
16:00-16:30	Marco Milanesio, UPO "Preparation of new photoactive hybrid nanocomposites, based on hydrotalcite and saponite layered materials"	10:45	Coffee-break
16:30	Coffee-break	11:15-12:00	Ruben D. Costa, FAU Erlangen "Hybrid organic-inorganic materials for optoelectronic devices"
17:00 -17:45	Frederic Labat, Paristech "DFT modeling of sensitized solar cells"	12:00-12:30	Federico Bella, POLITO "Light-induced design of smart materials for energy devices"
17:45-18:10	Carlo Nervi, UNITO "Photoelectrochemical Cells for Solar Fuels: Water Splitting and CO ₂ Reduction"	12:30-13:00	Giuseppe Paternò, IIT/POLIMI "Ultrafast Spectroscopy of Low- Dimensionality Organic and Hybrid Materials"
18:10-18:35	Gianmario Martra, UNITO "Radiative vs radiatonless decays of photoexcited dyes entrapped in inorganic matrices: any possibility to manage the competition?"	13:00	Closing remarks
18:35-19:00	Claudio Minero, UNITO "The photocatalytic performance of Graphene-TiO2 Hybrid materials"		
19:00	Poster session with buffet		