

## 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. Civalieri, 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**

**Please send an e-mail to [francesca.bonino@unito.it](mailto:francesca.bonino@unito.it) or [jenny.vitillo@unito.it](mailto:jenny.vitillo@unito.it) within 29/09/2016**

## Speakers

- Jin-Chong Tan (University of Oxford, UK)
- Frederic Labat (Paristech, FR)
- Sachin Chavan (University of Oslo, NO)
- Enrica Gianotti (UPO, IT)
- Marco Milanese (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)

## Provisional PROGRAM

October 6th, 2016		October 7th, 2016	
14:30	Opening	9:00-9:45	Jorge Gascon, TUDelft <i>"Metal Organic Frameworks as potential photocatalysts. Where are we and where are we heading?"</i>
14:45-15:30	Jin-Chong Tan, University of Oxford <i>"Tailoring Optoelectronic Properties of Host-Guest Metal-Organic Frameworks (MOFs)"</i>	9:45-10:15	Alessandra Operamolla, Uni Bari "TBA"
15:30-16:00	Sachin Chavan, Uni Oslo "TBA"	10:15-10:45	Enrica Gianotti, UPO "TBA"
16:00-16:30	Marco Milanese, UPO "TBA"	10:45	Coffee-break
16:30	Coffee-break	11:15-12:00	Ruben D. Costa, FAU Erlangen <i>"Hybrid organic-inorganic materials for optoelectronic devices"</i>
17:00 -17:45	Frederic Labat, Paristech <i>"DFT modeling of sensitized solar cells"</i>	12:00-12:30	Federico Bella, POLITO <i>"Light-induced design of smart materials for energy devices"</i>
17:45-18:10	Carlo Nervi, UNITO <i>"Photoelectrochemical Cells for Solar Fuels: Water Splitting and CO<sub>2</sub> Reduction"</i>	12:30-13:00	Giuseppe Paternò, IIT/POLIMI <i>"Ultrafast Spectroscopy of Low-Dimensionality Organic and Hybrid Materials"</i>
18:10-18:35	Gianmario Martra, UNITO "TBA"	13:00	Closing remarks
18:35-19:00	Claudio Minero, UNITO "TBA"		
19:00	Poster session with buffet		