



# CHEMISTRY MEETS INDUSTRY AND SOCIETY

## A CREATIVE SHOWCASE CONFERENCE

SALERNO (GRAND HOTEL)

28-30 AUGUST 2019

### Scientific Program

Thursday, August 29<sup>th</sup> 2019

<i>Centro Congressi Grand Hotel Salerno</i>	
<b><i>WS4 - Chemistry meets light: applications and perspectives in the fields of energy, environment, health, nanotechnology, food and cultural heritage</i></b>	
<i>Conveners: Alberto Credi, A. Prasanna de Silva, Margherita Venturi</i>	
<i>Chairperson: Margherita Venturi</i>	
9:00-9:40	<i>WS4 PL01 – A. Prasanna de Silva Fluorescent sensing and logic systems</i>
9:40-10:05	<i>WS4 KN01 – Francisco Raymo Photoswitchable fluorophores for bioimaging applications</i>
10:05-10:30	<i>WS4 KN02 – Serena Silvi Molecular devices and machines: challenges and perspectives</i>
10:30-10:45	<i>WS4 OR01 – Chao-Yi Yao Molecular computational identification (MCID) of small objects in populations</i>
10:45-11:00	<i>WS4 OR02 – Erica Paltrinieri Light effected autonomous molecular pumps</i>
11:00-11:30	Coffee break
<i>Chairperson: A. Prasanna de Silva</i>	
11:30-12:00	<i>WS4 KN03 – Licheng Sun Water splitting for solar fuels - From natural to artificial photosynthesis</i>
12:00-12:30	<i>WS4 KN04 – Aldo Di Carlo 2D Materials for perovskite photovoltaics: from graphene to MXenes</i>
12:30-12:45	<i>WS4 OR03 – Sara Gullace Characterization of novel nanostructured gold counter electrodes for dye sensitized solar cells</i>
12:45-13:00	<i>WS4 OR04 – Bibhuti Bhushan Show Electrochemical synthesis of oxide and sulphide semiconductor thin films: their characterizations and applications</i>
13:00-15:00	Free lunch break
<i>Chairperson: Alberto Credi</i>	
15:00-15:30	<i>WS4 KN05 – Timothy Noël Solar photochemistry coming of age? – The development of luminescent solar concentrator-based photomicroreactors</i>
15:30-16:00	<i>WS4 KN06 – Stefano Protti Photoinduced sustainable arylations</i>
16:00-16:15	<i>WS4 OR05 – Roberto Comparelli Visible light active nanocrystalline photocatalysts for environmental applications</i>
16:15-16:30	<i>WS4 OR06 – Andrea Pucci NIR Reflective surfaces based on organic coatings</i>

16:30-17:00	<i>WS4 KN07 – Simona Ghiani Dye-based imaging probes for contrast-enhanced imaging applications</i>
17:00-17:30	<i>WS4 KN08 – Engin U. Akkaya Recent progress in the chemistry of photodynamic therapy</i>
17:30-18:00	<i>WS4 KN09 – Aldo Romani Is the light only harmful to artworks?</i>
18:00-19:00	<i>Poster Session</i>

	<b><i>Grand Hotel Salerno</i></b>
20:00-22:00	<i>Social banquet</i>