Lunedì, 8 giugno 2015

9.00-9.30	**Inaugurazione e saluto del Magnifico Rettore Università del Salento**
9.30-10.30	**N. Armaroli:**
10.30-11.30	**R. Basosi: Energy from the laws of Thermodynamics to Horizon2020**
11.30-12.00	**Coffee Break**
12.00-13.30	**S. Campagna:** ***Photoinduced energy migration and charge separation. Their role in natural photosynthesis and basic requirements for the design of artificial systems*****.**
16.00-17.30	**E. Collini:** ***Coherent electronic energy transfer in light harvesting: from the biological process to photovoltaic applications.***
17.30-18.00	**Coffee Break**
18.00-	**Tavola Rotonda**

Martedì, 9 giugno 2015

9.00-10.30	**M. Prato**: ***Integration of carbon nanostructures for energy production***
10.30-12.00	**M. Bonchio:** ***Water Oxidation: the key step of Artificial Photosynthesis***
12.15-12.30	**Coffee Break**
12.15-13.30	**F. Paolucci:** ***NanoCarbon-based Electrocatalytic Composites for the Artificial Leaf***
16.00-17.30	**A. Abbotto:** ***Molecular design for solar production of electricity and fuels.***
17.30-18.00	**Coffee Break**
18.00-19.30	**R.J.A. Janssen**: ***Converting Solar Energy with Organic Materials***

Mercoledì, 10 giugno 2015

9.00-10.30	**V. Barone**: ***Virtual Tools for Molecular Sciences: the Virtual Multifrequency Spectrometer.***
10.30-11.30	**M. Pavone**: ***Ab initio simulation of charge and mass transport in energy conversion devices***
11.30-12.00	**Coffee Break**
12.00-13.30	**E. Selli**: ***Photocatalytic Production of Solar Fuels: Materials and Reaction Paths***
16.00-17.30	**C.A. Bignozzi**: ***Functionalized Semiconductor Nanomaterials in Solar Energy Conversion Processes***
17.30-18.00	**Coffee Break**
18.00-19.30	**M.L. Curri**: ***Soft chemistry tools for functional nanomaterials: new opportunities for photocatalytic applications***

Giovedì, 11 giugno 2015

9.00-10.30	**B. Scrosati**: ***Challenges in lithium-ion and beyond lithium ion batteries .***
10.30-12.00	**S. Binetti**: ***Inorganic Photovoltaic devices: from silicon to new hybrid tandem cells.***
12.00-12.30	**Coffee Break**
12.30-13.30	**A. Beneduci**: ***Basic concepts and applications of thin organic films for solar control and light switch***
16.00-17.15	**B. Pignataro**: ***Molecular thin films self-organized in 3D for photovoltaics***
17.15-17.45	**Coffee Break**
17.45-18.45	**G. Giancane**: ***Humid techniques of immobilization of the active layers: methods, characterization and applications in photoinduced phenomena***

Venerdì, 12 giugno 2015

9.00-10.15	**M. Cossi**: ***Gas Adsorption in Porous Solids: Models, Specific Surfaces and Pore Distributions***
10.15-11.00	**L. Marchese:** ***Physico-Chemical Characterization of Porous Solids***
11.00-12.15	**S. Bordiga:** ***Materials for gas capture and storage: Performance, Targets, Applications***
12.15-12.45	**Coffee Break**
12.45-13.30	**M. Cossi**: ***Theoretical Simulation of Gas Adsorption***