

International Workshop on Light Activated Nanostructures

Tuesday, May 16, 2017

Sala 216, Centro Congressi dell'Area della Ricerca del CNR
Via Gobetti 101, 40129 Bologna, Italy

PROGRAM

- 09.15–09.30 Opening: **Roberto Zamboni**, Director of the Bologna CNR Campus
Alberto Credi, Scientific Director of CLAN, Università di Bologna and ISOF-CNR
- 09.30–10.15 KL1: **Nathan McClenaghan**, Université de Bordeaux, France
Photochemistry with a twist : Light-induced processes in helical foldamer-based scaffolds
- 10.15–10.45 **Ilse Manet**, ISOF-CNR, Bologna
Revival of old antibiotics with new delivery systems
- 10.45–11.15 **Serena Silvi**, Dipartimento di Chimica "G. Ciamician", Università di Bologna
Light-activated molecular pumps
- 11.15–11.45 Coffee break
- 11.45–12.30 KL2: **Uwe Pischel**, Universidad de Huelva, Spain
Phototriggered processes with and in cucurbituril complexes
- 12.30–13.00 **Giacomo Bergamini**, Dipartimento di Chimica "G. Ciamician", Università di Bologna
A shape persistent luminescent building block for supramolecular architectures
- 13.00–14.30 Lunch break
- 14.30–15.15 KL3: **Julia Perez-Prieto**, Universidad de Valencia, Spain
NIR-Responsive Nanohybrids
- 15.15–15.45 **Andrea Barbieri**, ISOF-CNR, Bologna
Near Infrared emitting metal complexes
- 15.45–16.15 **Elisabetta Collini**, Dipartimento di Scienze Chimiche, Università di Padova
Coherent energy transfer in multi-chromophoric biologic and biomimetic light-harvesting systems
- 16.15–16.45 Coffee break
- 16.45–17.30 KL4: **Rémi Métivier**, Ecole Normale Supérieure de Cachan, France
Photoswitchable energy transfer processes in complex photochromic-fluorescent molecular assemblies
- 17.30–18.00 **Massimo Baroncini**, Dipartimento di Scienze e Tecnologie Agro-alimentari, Università di Bologna
The eternal youth of azobenzene: new photoactive hard and soft materials



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Light effected autonomous molecular pumps
Towards active transporters and actuating materials



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