

International Workshop on Advances in Photovoltaics and Photocatalysis

Garching, 21-22 July, 2011

Chairpersons: P. Lugli (TUM) and A. Di Carlo (Uni. Roma "Tor Vergata")

Considerable interest is attributed these days to renewable energies, which are seen as the best way to provide the necessary energy sources needed in the future. Sunlight is the most abundant and cleanest energy source. Unfortunately, the exploitation of solar energy is limited by the reduced efficiency and high cost of solar energy conversion systems. The workshop will deal with two approaches to energy conversion, namely photovoltaics and photocatalysis. In particular, new generation solar cells, water splitting and CO₂ reduction for solar fuel production will be discussed. In order to present a coherent overview and to maximize interaction and discussion, the workshop will have only invited contributions with a total of approximately 20 talks. A poster session will be organized for young researchers who want to present their results. Deadline for poster submission is July 8th, 2011.

The workshop registration fee is 260 € (150 € for a one day attendance). A reduced student fee is available upon request. Since the number of attendees is limited, early registration is advised. No reservation will be accepted after July 15th, 2011.

Plenary speakers

Hironory Arakawa (Tokyo University of Science)
Cosimo Gerardi (STMicroelectronics)
Devens Gust (Arizona State University)
Karl Leo (TU Dresden)
Brian O'Regan (Imperial College London)

Invited speakers

Matthias Auf der Maur (Uni. Roma "Tor Vergata")
Claudia Barolo (Uni. Torino)
Thomas Bein (LMU München)
Carlo Alberto Bignozzi (Uni. Ferrara)
Enrico Da Como (LMU München)
Franco Dekker (Uni. Roma "La Sapienza")
Gianluca Farinola (Uni. Bari)
Francesca Ferrazza (ENI)
Franco Giannini (Dyepower & Uni. Tor Vergata)
Ulrich Heiz (TU München)
Bernd Kaiser (TU Darmstadt)
Katharina Krischer (TU München)
Marinus Kunst (Helmholtz-Zentrum Berlin)
Salvatore Lombardo (CNR, Catania)
Elisa Molinari (Uni. Modena/Reggio Emilia-s3 CNR)
Leonardo Palmisano (Uni. Palermo)
Giuseppe Scarpa (TU München)
Martin Stutzmann (TU München)

For registration and poster submission please refer to www.nano.ei.tum.de/iwapp

For further information please contact nano@ei.tum.de