Going NanoGreen in a big way in Cairo

Solar’10, 15 - 17 February 2010, Cairo, Egypt
“Nano/Molecular Photochemistry and Nanomaterials for Green Energy Development”

Don’t miss this exciting interdisciplinary conference. Listen to a panel of distinguished speakers covering the following important topics:

- Nanostructured Solar Cells
- Nanomaterials for Solar Applications
- Fundamental and Applied Photochemistry and Photophysics
- Advanced Photocatalysis
- Photonics Materials
- Modeling Methods in nano Science
- Thin Film Photovoltaics
- Solar Energy Commercialization
- Techniques and Systems


Just send your completed form below by an e-mail expressing your interest and the tentative title and form of your contribution
See you in Cairo!

International Scientific and Advisory Committee

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Speakers

Xavier Allonas, France
Sunlight photoassisted drying of alkyd resins: towards environmentally friendly paints

René Betancourt Riera, Ricardo Betancourt Riera, Raúl Riera Aroche and José Manuel Nieto Jalil, México
Electron states and electron-photon interaction in semiconductor quantum wires: Magnetic field effect

Detlef Bahnemann, Germany
Photocatalytic Water Splitting (Historic Remarks and Future Perspectives)

Mazhar Bari, Ireland
New developments in DSSC

Alexander Blumen, Germany
Classical and quantum transport efficiencies: Continuous-time random walks vs. continuous-time quantum walks

F. Borondo, Spain
Field emission properties of an array of pyramidal structures

Keith Brooks, Switzerland
Dye Sensitized Solar Cells: Industrial Aspects

J. Anthony Byrne, UK
Titania nanotubes: Properties and Applications

Clemens Burda, USA
Solar Energy Conversion using sensitized nanostructured thin films for photovoltaics and thermoelectrics.

Loredana Casalis, Italy
Nanostructured and nanoscale multifunctional materials

Dinko Chakarov, Sweden
It happens on the surface

Monica Lira-Cantu, Spain
Hybrid Solar Cells

Fritz H. Frimmel, Germany
Application of photocatalysis in water treatment (purification)

Gerda Fuhrmann, Germany
New metal-free sensitizers for high efficient DSC

Mats Göthelid, Sweden
The role of pyridine derivatives on energy level alignment and adsorption of dyes on TiO₂ surfaces

Dirk Guldi, Germany
Fullerenes and Nanotubes See the Light
Gueorgui K. Gueorguiev, Sweden
Synthetic Growth Concept: a conceptual algorithmic method for modeling inherently nano-structured materials

Karl-Heinz Heinig, Germany
Materials for third generation photovoltaic cells – nano-sponge of silicon and plasmonic nanosilver layers

Hikmat Hilal, Palestine
Enhancement of Monolithic and Thin-Film Based Solar Cells: Surface Modification with Charge Transfer Mediators

Seigo ITO, Japan
Photovoltaic Variation related by the TiO2-Nanoparticle Size

Boris Lukyanov, Russia
Elements of photochromic medium for molecular photonics based on spirocyclic systems

Johan Malherbe, South Africa
Nanostructures on photovoltaic materials by ion bombardment

Elahipasha Masumdar, India
Photoelectrochemical Solar cell studies on spray pyrolysied CdSSe thin solid films

Norani Muti Mohamed, Malaysia
To be announced

Hiromasa Nishikiori, Japan
Studies on photo-fuel cells

Josep M. Oliva, Spain
Desing of Molecular Devices with Electronic Structure Computations:Carborane Architectures

Dmitrii F. Perepichka, Canada
Organic photovoltaics and nanomaterials: Development of new conjugated polymers and upconverting nanoparticles to harvest the (lost) near-infra-red photons

Ivan Petkov, Bulgaria
To be announced

Agnès Rivaton, France
Effect of light on the structural and morphological stability of polymer/ fullerene solar cells

Judita Sukyte, Lithuania
Optical and structural characteristics of chalcogenides thin films on polymers

Villy Sundstrom, Sweden
Nanostructured materials for novel solar cells - the primary light induced steps

Kaoru TAKAHASHI, Seigo ITO, Japan
Fabrication of monolithic Dye-sensitized Solar Cells

Satoshi Uchida, Japan
Organic thin film photovoltaic

Veronica Vaida, USA
A new photochemical approach for the generation of chemical fuels using solar radiation

Frank Güell Vilà, Spain
ZnO nanowires

Jongheop Yi (JYI), Korea
Preparation and Characterization of Metal-doped TiO2 Nanoparticles with Shape Control for High Performance Photo-catalysts

Jun-Ho Yum, Switzerland
The Efficient Organic Sensitizers for Dye-Sensitized Solar Cells

Qing Zhang, Singapore
Carbon nanotube/GaAs p-n heterojunction and its photovoltaic response

Hua Chun Zeng, Singapore
Nanotech for New Solar Cell Development

Marketa Zukalova, Czech Republic
TiO2 with fibrous morphology for DSSC and other applications

And many more to come…
Timeline and registration Fees

October 30, 09  Abstract submission
Nov. 6, 09  Notifications of acceptance
Nov. 27, 09  Early Bird Registration  [550 €/participant, 350 €/Student]
Dec. 11, 09  Normal Registration  [600 €/participant, 400 €/Student]
14 Feb. 2010  Arrivals
On Site Registration:  [650 €/participant, 450 €/Student]
15 - 17 Feb.  Conference
18 Feb.  Departure and start of Luxor tour  [450 €/person including transportation, accommodation in a double room and tours]
20 Feb.  Tour Ends In Cairo at Noon

Registration fee covers Reception, 3 Lunches, Banquet ticket, Conference Excursion, Coffee breaks, Book of Abstracts and admission to all scientific sessions.

[PRE-REGISTRATION FORM]

Deadline: Please return the completed form by Fax: +2 02 26347 683 or E-Mail a scanned copy

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