



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"

Updated on September 26, 09

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

More details soon:

<http://www.photoenergy.org/solar10.pdf>

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!

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*Klaas Zachariasse [Germany]
*Hua Chun Zeng, Singapore

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 pyrolysed CdSSe thin solid films

Norani Muti Mohamed, Malaysia

To be announced

Hiromasa Nishikiori, Japan

Studies on photo-fuel cells

Josep M. Oliva, Spain

Design 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	Arrival 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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