

PROGRAM

Thursday, November 17

Check in and registration

Friday, November 18

08:00 - 08:30 **Registration - Board room in Building 1**

08:30 - 09:00 Opening remarks

Invited Presentations

09:00 - 09:45 Nanoscience: Connecting dots between Energy, Environment, and Ethics,
S. Ismat Shah, *Univ. of Delaware, USA*

09:45 - 10:30 Materials and devices design for highly efficient single and multi-junction
organic solar cells
Qiquan Qiao, *South Dakota State University, USA*

10:30 - 11:00 **Coffee break**

11:00 - 11:45 Characteristics of lithiated titania: concentration, morphology, pressure
and nano effects
Handan Yildirim, *Argonne National Laboratory, USA*

11:45 - 12:30 Defect Energetics in prototype solar cell materials CuInSe_2
Ari P. Seitsonen, *Univ. of Zurich, Switzerland*

12:30 - 14:30 **Group Photo and Lunch - AUI restaurant**

14:30 - 15:15 Crystalline Silicon thin film solar cells: potential and challenges
Abdellilah Slaoui, *Institut d'Electronique du Solide et des Systemes, France*

15:15 - 16:00 Boron nitride and graphene based honeycomb superstructures
Thomas Greber, *Univ. of Zurich, Switzerland*

16:00 - 16:30 **Coffee break**

16:30 - 17:15 Soft X-ray microscopy for advanced materials
Rachid Belkhou, *Synchrotron-SOLEIL, France*

17:15 - 18:00 Scanning probe microscopy for organic or hybrid photovoltaics
Philippe Dumas, *CINaM-CNRS, Marseille, France*

18:00 - 19:30 **Poster Session**

20:00 - 22:30 **GALA Dinner - AUI faculty club, AUI Annex**

Saturday, November 19

Invited Presentations

- 09:00 -09:45** Engineering optical properties of nanomaterials for solar cell applications
Talat S. Rahman, *Univ. of Central Florida, USA*
- 09:45 - 10:30** STMstudies of molecule adsorption on surfaces: is graphene the new
nano-material?
Andrew Mayne, *Univ. of Paris Sud, France*
- 10:30 - 11:00** **Coffee break**
- 11:00 - 11:45** Experimental Solar Energy in Morocco
Adelkader Outzourhit, *Univ. Cadi Ayyad, Marrakech, Morocco*
- 11:45 - 12:30** Hybrid Inorganic-Organic Metal Phosphates and Phosphonates for
Catalysis and Energy Applications
Abdessadek Lachgar, *Wake Forest University, USA*
- 12:30 - 14:30** **Lunch - AUI restaurant**
- 14:30 - 16:30** Round table discussion and closing remarks
- 16:30 - 17:00** **Coffee break**
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