

CIMOPV Workshop

Complex Interactions and Mechanisms in Organic Photovoltaics
University of Queensland, Australia, July 1 - July 3, 2010.
in conjunction with I-CAMP 2010 Summer School

WEDNESDAY afternoon & evening, June 30, 2010 - PRE-WORKSHOP TUTORIALS	
1:00 pm - 1:45 pm	Sean Shaheen , University of Denver "Introduction to OPV Materials, Mechanisms, and Devices"
1:45 pm - 2:00 pm	Break
2:00 pm - 2:45 pm	Paul Meredith , University of Queensland TBD
2:45 pm - 3:00 pm	Break
3:00 pm - 3:45 pm	Joao van de Lagemaat , National Renewable Energy Laboratory "Shedding Light on Organics: Plasmons, Spacers, and More"
3:45 pm - 4:00 pm	Break
4:00 pm - 4:45 pm	Garry Rumbles , National Renewable Energy Laboratory "Spectroscopic Detection of Charge Carriers and Excitons in Organics"
4:45 pm - 5:00 pm	Break
5:00 pm - 9:00 pm	Career Forum II and Dinner

THURSDAY morning, July 1, 2010	
8:30 am - 9:25 am	KEYNOTE ADDRESS: J.C. (Kees) Hummelen , University of Groningen. "Plastic PV, with Emphasis on the Electron Acceptor Side"
9:25 am - 9:45 am	Open Discussion & Break
9:45 am - 10:30 am	Alberto Salleo , Stanford "Materials Design to Improve the Efficiency of Organic Photovoltaics: Donor/Acceptor Interfaces and Electrodes"
10:30 am - 11:15 am	Christopher Bardeen , University of California at Riverside "Exciton Fission and Electronic Delocalization in Organic Semiconductors"
11:15 am - 11:30 am	Open Discussion & Break

(cont.) THURSDAY morning, July 1, 2010	
11:30 am - 12:00 pm	Daniel Cox , University of California at Davis Overview of the Institute for Complex Adaptive Matter
12:00 pm - 1:30 pm	Lunch

THURSDAY afternoon & evening, July 1, 2010	
1:30 pm - 2:15 pm	Vladimir Dyakanov , University of Würzburg TBD
2:15 pm - 3:00 pm	Attila Mozer , University of Wollongong TBD
3:00 pm - 3:30 pm	Open Discussion & Break
3:30 pm - 4:15 pm	Almantas Pivrikas , University of Linz "Application of Charge Extraction by Linearly Increasing Voltage (CELIV) Technique to Study Charge Transport and Recombination in Organic Solar Cells"
4:15 pm - 5:00 pm	Birendra Singh , CSIRO Australia "Soluble Small-Molecule Based Solar Cells"
5:00 pm - 6:00 pm	Open Discussion & Break
6:00 pm - 8:30 pm	Poster Session and Reception

FRIDAY morning, July 2, 2010	
8:30 am - 9:15 am	Joseph Shinar , Iowa State University TBD
9:15 am - 10:00 am	Dane McCamey , University of Utah "Understanding Coherent Microscopic Spin Processes via Macroscopic Transport Measurements on Organic Photovoltaic Devices"
10:00 am - 10:15 am	Open Discussion & Break
10:15 am - 12:00 pm	Jeff Riemers , University of Sydney Hands-on Computational Chemistry Workshop
12:00 pm - 1:30 pm	Lunch

FRIDAY afternoon & evening, July 2, 2010	
1:30 pm - 2:15 pm	Johannes Hachmann , Harvard "The Harvard Clean Energy Project - A large Scale Computational Search for New Organic Photovoltaic Materials on the World Community Grid"
2:15 pm - 3:00 pm	Benjamin Powell , University of Queensland "Modelling the Photophysics of Organometallic Complexes for OLED and OPV Applications: from Relativistic DFT to Simple models"
3:00 pm - 3:30 pm	Open Discussion & Break
3:30 pm - 4:15 pm	Quan Li , Kent State University Self-organized Liquid Crystalline Materials for Organic Photovoltaics: Opportunity and Challenge
4:15 pm - 4:30 pm	Participant Talk
4:30 pm - 4:45 pm	Participant Talk
4:45 pm - 5:00 pm	Participant Talk
5:00 pm - 5:15 pm	Participant Talk
5:15 pm - 6:30 pm	Open Discussion & Break
6:30 pm - 8:30 pm	Workshop Dinner

SATURDAY, July 3, 2010	
9:15 am - 10:00 am	Moritz Riede , Technical University Dresden "Small Molecule based OPV: from Single to Tandem Heterojunction Devices"
10:00 am - 10:45 am	Ebinazar Namdas , University of Queensland "Developing Next Generation Optoelectronic Devices Using Organic Semiconductors"
10:45 am - 11:15 am	Open Discussion & Break
11:15 am - 11:30 am	Participant Talk
11:30 am - 11:45 am	Participant Talk
11:45 am - 12:00 pm	Participant Talk
12:00 pm - 1:30 pm	Lunch
1:30 pm - 3:00 pm	Roundtable Discussion & Closing Remarks