

III. PRESENTATIONS AT CONFERENCES

Konferenzbeiträge

28.2.-3.3.2010

Spring School, Grundlagen der organischen Photovoltaik, DFG

Schwerpunktprogramm SPP 1355, Krippen, Germany

Participants: Ulbricht

5.-14.3.2010

Winterschool on Organic Electronics 2010, Planneralm, Austria

Poster (Schaur): *Reversible p- and n-doping of pentacene: from spectroscopy to devices*

S. Schaur, B. Meana Esteban, P. Stadler, H. Neugebauer, N.S. Sariciftci

Poster (Abaci): *Polymer guest host system and their potential applications for opto-electronic devices* U. Abaci, D.A.M. Egbe, E. Arici-Bogner

Poster (White): *Temperature and carrier concentration dependent mobility in pentacene films, characterized by photo-CELIV* M.S. White, A. Pivrikas, N.S. Sariciftci

Poster (Montaigne-Ramil): *Ultra violet light sensitive polymer as gate dielectric in organic field effect transistors* A. Montaigne Ramil, T. Griesser, N.S. Sariciftci, W. Kern, Q. Shen, C. Teichert

Poster (Tekoglu): *Investigation of transport properties of a new donor-acceptor polymer, poly-2-dodecyl-4,7-di(thiophene-2-yl)-2H-benzo[1,2,3]triazole (PTBT)* S. Tekoglu, A. Montaigne Ramil, B. Meana-Esteban, A. Balan, D. Baran, L. Toppare, H. Neugebauer, N.S. Sariciftci

Poster (Abbas): *Air stable organic field effect transistor based on poly(2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylenevinylene)* M. Abbas, E. Arici-Bogner, N.S. Sariciftci

Poster (Arici): *Influence of π π stacking on the electroluminescence properties*

Participants: A. Pivrikas, N.S. Sariciftci

6.-13.3.2010

IWEPNM 2010, International Winterschool on Electronic Properties of Novel

Materials, Kirchberg, Kirchberg, Austria

Poster (Neugebauer): *Infrared light sensing using silicon/fullerene heterojunctions*

G. J. Matt, T. Fromherz, M. Bednorz, H. Neugebauer, N. S. Sariciftci, G. Bauer

5.4.-12.4.2010

MRS Spring Meeting 2010, Materials Research Society, San Francisco, USA

Participants: Pivrikas, Sariciftci (Symposium Chair)

Poster (Stadler): *Correlation between organic field effect transistor performance and electronic band level alignment*

P. Stadler, A. M. Track, G. J. Matt, M. Ullah, H. Sitter, G. Koller, T. B. Singh, H. Neugebauer, N. S. Sariciftci, M. G. Ramsey

- 29.-30.4.2010 **SolarTR-1, First Turkish Solar Energy Conference and Exhibition**, Ankara, Turkey
 Invited Talk (Sariciftci): *“Organic Solar Cells”*
 Invited Talk (Arici): *“From Colloids to Photovoltaic Devices”*
- 3.-7.5.2010 **African School on Nanoscience for Solar Energy Conversion**, Addis Ababa, Ethiopia
 Invited Talk (Sariciftci): *“Organic Solar Cells”*
 Participants Egbe, Pivrikas
- 17.-20.5.2010 **TPE 10, Technologies for Polymer Electronics**, Rudolstadt, Germany
 Participants: Egbe, Sinwel, Sariciftci, Irimia-Vladu
 Talk (Stadler): *“Correlation between the energy level alignment and device performance in organic heterostructure interfaces”*
 P. Stadler, A. M. Track, G. J. Matt, M. Ullah, H. Sitter, H. Neugebauer, N. S. Sariciftci, G. Koller, M. G. Ramsey
- 14.-20.6.2010 **NanoTR-VI, 6th Nanoscience and Nanotechnology Conference**, Izmir, Turkey
 Invited Talk (Sariciftci): *“Organic Solar Energy Conversion”*
 Poster (Arici): *Anthracene Based Conjugated Polymers: Correlation between π - π -Stacking Ability and Electroluminescence Properties*, U. Abaci, D. M. J. Egbe, E. Arici
 Participant: Tekoglu
- 1.-3.6.2010 **CIMOPV Complex Interactions and Mechanisms in Organic Photovoltaics**,
 University of Queensland, Australia
 Invited Talk (Pivrikas): *“Charge transport in organic photovoltaic devices”*
- 5.-9.7.2010 **IS-FOE10 International Symposium on Organic Electronics**, Ouranoupolis, Greece
 Participants: Tekoglu
- 1.-13.7.2010 **ICSM 2010**, Kyoto, Japan
 Talk (Arici): *“Influence of π π stacking on the electroluminescence properties”*
 Talk (Egbe): *“Relationship between π - π -Stacking Distance, Charge Carrier Mobility and Photovoltaic Performance”*
 Talk (Neugebauer): *“Charge Carriers in Pentacene: An Electrochemical and Spectroelectrochemical Study”*
- 1.-5.8.2010 **International Society for Optical Engineering (SPIE) Annual Meeting, Conference on Organic Field Effect Transistors IX**, San Diego, USA
 Invited Talk (Irimia-Vladu): *“Bio-inspired organic field-effect transistors”*
 Plenary lecture (Sariciftci): *“Organic Solar Energy Conversion with CO₂ Recycling”*
- 16.-20.8.2010 **Internationale Akademie Traunkirchen**, Austria
 “Die Zeit und ihre Fortschritte“
 Participant: Stadler

- 4.-12.9.2010 **25th EUPVSEC**, Valencia, Spain
Poster (Gasiorowski): *Electrochemical and optical studies on different derivatives of naphthalene diimides, new n-type materials for organic solar cells*
Participant: Thamyongkit
- 13.-16.9.2010 **Organische Solarzellen Bayern Innovativ and University of Würzburg**, Germany
Lecture at the Organic Photovoltaic Meeting (Sariciftci): “*History of Organic Solar Cells*”
Participant: Stadler, Sariciftci
- 15.-18.9.2010 **Polymeric Materials 2010**, Halle an der Saale, Germany
Talk (Egbe): “*Anthracene-Containing PPE-PPV: Improvement of Hole Mobility and Photovoltaic Performance Through Random Distribution of Linear and Branched Side Chains*”
- 18.-25.9.2010 **International Summer School on Photovoltaics and New Concept of Quantum Solar Energy Conversion**, Hirschegg, Austria
Participants: Thamyongkit
- 14.-18.10.2010 **General assembly meeting of Cameroonian returnees from Germany: microfinance challenges and strategies**, Yaounde, Cameroon
Keynote speech (Egbe): “*The future of the Cameroon-Germany coordination office*”
- 20.-23.10.2010 **Polymer Processing Society PPS 2010 Conference**, Istanbul, Turkey
Invited Talk (Sariciftci): “*Organic Solar Energy Conversion Using Polymeric Semiconductors*”
- 2.-7.11.2010 **The International Conference on Conducting Materials, ICOCM 2010**, Sousse, Tunisia
Keynote Lecture (Egbe): “*Bulk Heterojunction Solar Cells*”
- 29.11.-3.12.2010 **MRS Fall Meeting 2010**, Boston, USA
Participant: Irimia-Vladu, Thamyongkit
- 20.12.2010 **ICPCNANONET: Webinar on Nanotechnology for Solar Energy**
Invited Lecture (Egbe): “*Influence of Alkoxy Side Groups on Photovoltaic Performance of PPE-PPV Based Materials*”