

III. PRESENTATIONS AT CONFERENCES

Konferenzbeiträge

- 28.2.-7.3.2015 **BIOEL 2015 International Winterschool on Bioelectronics**, Kirchberg/Tirol, Austria
Organizing Committee Chair Glowacki
Poster (Coskun): *A stability study of H-bonded organic semiconductors in harsh acidic and alkaline conditions: Epindolidione versus Quinacridone*
Poster (Neugebauer): *Bio-electrocatalytic reduction of butyraldehyd to butanol with direct electron injection into alcohol dehydrogenase immobilized on an electrode*
Poster (Jakesova): *Biofunctionalization of hydrogen-bonded pigment semiconductors with Horseradish Peroxidase*
Poster (Farka): *Spectroscopic investigation of biofunctionalized hydrogen-bonded pigments using the biotin-streptavidin pair*
Poster (Schlager): *Bio-electrocatalytic reduction of butyraldehyd to butanol with direct electron injection into alcohol dehydrogenase immobilized on an electrode*
Poster (Yumusak): *Stability studies of organic field effect transistors based on hydrogen-bonded pigments epindolidione*
Further Participants: Sariciftci, Dumitru
- 7.-14.3.2015 **29th International Winterschool on Electronic Properties of Novel Materials (IWEPNM)**,
Kirchberg in Tirol, Austria
Poster (Neugebauer): *Starting 1985 - Thirty years of Winterschool contributions*
- 11.3.2015 **Thermo Fisher Chromtour**, Graz, Austria
Invited Talk (Schlager): *“Bio-elektrokatalytische Reduktion von CO₂ zu Methan und Alkoholen unter Verwendung von Enzymen und Mikroorganismen“*
- 19.-21.3.2015 **Nano and Photonics Conference**, Mauterndorf, Austria
Talk (Scharber): *„Solution Processed Organic Solar Cells“*
- 21.-28.3.2015 **Quantsol Conference**, Rauris, Austria
Invited Talk (Sariciftci): *„Organic Semiconductors in Photo-electrocatalysis for Solar Energy Conversion into Synthetic Fuels“*
- 23.-28.3.2015 **All-In-One Conferences, Materials Chemistry Section**, Dubai, United Arab Emirates
Keynote Lecture (Egbe): *„Materials Design for Polymeric Organic Solar Cells: Case Study on Poly(arylene-ethynylene)-alt-poly(arylene-vinylene) Systems“*
- 25.-26.4.2015 **21. Internationale Solarkochertagung**, Altötting, Germany
Closing Keynote Lecture (Egbe): *„ANSOLE’s report“*
- 28.4.-29.4.2015 **Solar TR**, Ankara, Turkey
Plenary Talk (Sariciftci): *„Organic Semiconductors for Solar Energy Conversion“*

- 2.-8.5.2015 **1st International Conference on Solar Energy (INCOSOLE 2015)**, Bordj Bou Arreridj, Algeria
Keynote Lecture (Egbe): „*Organic Photovoltaics: Case Study on Poly(arylene-ethynylene)-alt-poly(arylene-vinylene)–Based Solar Cells*“ + ANSOLE Presentation
- 10.-16.5.2015 **E-MRS Conference**, Lille, France
Poster (Coskun): *Hydrogen-bonded diketopyrrolopyrrole (DPP) pigments as organic semiconductors*
Invited Talk (Glowacki): “*Learning from nature – sustainable bioelectronics based on hydrogen-bonded pigments*”
- 15.-17.5.2015 **Nationaltagung Physical Chemistry**, Konya, Turkey
Plenary Talk (Sariciftci): „*Organic Semiconductors for Solar Energy Conversion*“
- 26.5.-1.6.2015 **NMP-DeLA Workshop on Nanotechnology in Water and Alternative Energies**, Curitiba, Brazil
Invited Lecture (Egbe): „*Opportunities for International Cooperation with the African Network for Solar Energy*“
- 7.-12.6.2015 **ESOS Conference**, Ajaccio, France
Invited Talk (Sariciftci): „*Organic Semiconductors for Solar Energy Conversion*“
- 23.-30.6.2015 **Africasolar 2015**, Ouagadougou, Burkina Faso
Inaugural Lecture (Egbe): „*Electrical Energy Solutions for Africa: Need for Appropriate and Adaptable Solar Technologies*“
- 6.-9.7.2015 **ROCAM Conference**, Bucharest, Romania
Invited Talk (Glowacki): “*Biointerfaces with bioinspired semiconductors*”
- 12.-17.7.2015 **8th International Conference on Advanced Vibrational Spectroscopy**, TU Wien, Austria
Talk (Enengl Sandra): “*Different types of polaronic absorptions in organic conjugated polymers induced by distinct doping techniques*”
Poster (Enengl Sandra): *Poly(vinyl alcohol) coating as protection layer for spectroelectrochemical characterization of soluble organic semiconductors*
Poster (Enengl Christina): *A spectroscopic study of the hydrogen-bonded semiconductor quinacridone in view of extended chemical stability*
- 1.-7.9.2015 **ECME Conference**, Strasbourg, France
Poster (Enengl Sandra): *Doping induced polaron absorption bands in anthracene-containing ppe-ppv polymers*
Poster (Enengl Christina): *Using in situ Spectroscopy to Visualize Polaron Transitions in P3HT Upon Doping*
- 2.-4.9.2015 **Technicka 15, Chemistry and Life Conference**, Brno, Czech Republic
Invited Talk (Schlager): “*Bio-electrocatalytic CO₂ Reduction using Enzymes and Microorganisms*”

- 13.-19.9.2015 **European Physical Chemistry Meeting**, Catania, Italy
Invited Talk (Sariciftci): *“From Organic- to Bio-Organic Devices for Solar Energy and CO₂ Recycling”*
- 14.-19.9.2015 **E-MRS Conference**, Warsaw, Poland
Talk (Apaydin): *“H-Bonded Organic Semiconductor Thin Films for Electrochemical Capture and Release of Carbon Dioxide”*
Talk (Enengl Sandra): *“Doping Induced Absorption Bands in P3HT Resulting in Different Polaronic Transitions”*
Talk (Enengl Christina): *“Formation of Radicals in Quinacridone as Compared to Pentacene is Studied Using In Situ Spectroscopy”*
Talk (Glowacki): *„Organic Semiconductor Micro- And Nanocrystals: From Colloidal Syntheses to (Opto-)Electronic devices”*
- 21.-24.9.2015 **GOECH Conference**, Innsbruck, Austria
Talk (Enengl Sandra): *“In situ Spectroelectrochemistry on Quinacridone as Compared to Pentacene”*
Talk (Enengl Christina): *“Polaronic Absorption Bands in P3HT Upon Doping Using In Situ Spectroscopy”*
- 25.9.-4.10.2015 **GCSTI2015, Green Chemistry and Sustainable Technologies**, Izmir, Turkey
Plenary Talk (Sariciftci): *“From organic- to bio-organic devices for solar energy and CO₂ recycling”*
- 28.-30.9.2015 **4th Conference on CO₂**, Essen Germany
Invited Talk (Schlager): *“Bio-electrocatalytic CO₂ Reduction using Enzymes and Microorganisms”*
- 8.-10.8.2015 **YoungChem Conference**, Krakow, Poland
Invited Talk (Glowacki): *“Electronic materials inspired by nature - progress in bioelectronics”*
- 21.-25.10.2015 **Nanoscience Meeting Conference**, Helsinki, Finland
Invited Talk (Sariciftci): *„Organic Semiconductors for Solar Energy Conversion“*
- 28.11.-6.12.2015 **MRS Fall Meeting & Exhibit**, Boston, USA
Talk (Coskun): *“Hydrogen-bonded pigment for transistors with stable operation directly in contact with aqueous electrolytes of pH 1-10”*
Poster (Dumitru): *Gate functionalized EGOFETs for liquid sensing applications*
Poster (Enengl Sandra): *“In Situ Spectroscopic Studies on Quinacridone as Compared to Pentacene Leading to Different Radicals”*
Talk (Enengl Christina): *“From Polarons to Bipolarons in P3HT Using In situ Doping Techniques“*
Poster (Enengl Christina): *Polaronic Behavior in an Anthracene-Containing PPE-PPV Copolymer Upon Doping Using In situ Spectroscopy*

Talk (Schlager): „*Bio-electrochemical reduction of CO₂ using methanogenic microorganisms*”

Talk (Farka): “*Bioconjugation of hydrogen-bonded organic semiconductors with functional proteins*”

Organizer for Symposium (Glowacki)