

III. PRESENTATIONS AT CONFERENCES

Konferenzbeiträge

- 22.-23.1.2016 **International Conference on Advances in Solar Thermal Food Processing (CONSOLFOOD 2016)**, Universidade Do Algarve, Campus Da Penha, Faro, Portugal
Invited Inaugural Lecture (Egbe): *“Evaluation of renewable energy resources in Africa”*
- 31.1.-8.2.2016 **INCORE 2016: 5th anniversary of ANSOLE**, Kairo, Egypt
Plenary lectures (Egbe): *“One and Two-Dimensional Conjugated PAE-PAV Copolymers: Effect of Laterally Grafted Alkoxy Side Groups on Charge Transport and Photovoltaic Properties + 5 Years ANSOLE: What Next?”*
Event co-organiser (Egbe)
- 22.2.2016 **Workshop on Recent Developments of Organic Photovoltaic & their Future Aspects**, National Research Centre, Dokki, Cairo, Egypt
Invited Inaugural Lecture (Egbe): *„Anthracene-Based Polymers for OPV: An Overview of Methods to Enhance the Photovoltaic Performance“*
- 8.-13.2.2016 **Pure and Applied Chemistry International Conference PACCON**, Bangkok, Thailand
Invited Talk (Sariciftci): *“Organic and Bio-organic Molecular Devices for Solar Energy Conversion”*
- 7.-11.3.2016 **Africa-EU Symposium on Renewable Energy R & I**, Tlemcen, Algeria
Invited Lecture (Egbe): *„African Network for Solar Energy“*
- 10.-19.3.2016 **BioEl 2016 Conference**, Kirchberg in Tirol, Austria
Chair: Glowacki
Yumusak (organizing committee)
Poster (Jakesova): *„Stable Photodriven Hydrogen Peroxide Evolution Using Hydrogen-Bonded Organic Semiconductors as Photocathodes“*
- 21.3.2016 **International Symposium for the 80th Birthday of Prof. Alan J. Heeger, "Organic Electronics in the 21st Century"**, JKU Linz, Austria
Poster (Apaydin): *Photoelectrochemical Reduction of CO₂ Using Third-Generation Conjugated Polymers*
Poster (Coskun): *Hydrogen-bonded diketopyrrolopyrrole (DPP) pigments as organic semiconductors*
Poster (Demchyshyn): *Floating gate field-effect sensors employing porous aluminumoxide*
Poster (Dumitru): *Gate functionalized EGOFETs for liquid sensing applications*
Poster (Farka): *Reversible Photochemical Isomerization of N,N'-Di(t-butoxycarbonyl)indigos*
Poster (Glowacki): *Colloidal organic semiconductor micro- and nanocrystals – devices and applications*

- Poster (Jakesova): Stable Photodriven Hydrogen Peroxide Evolution Using Hydrogen-Bonded Organic Semiconductors as Photocathodes
- Poster (Schlager): Bio-electrocatalytic CO₂ Reduction using Enzymes and Microorganisms
- Poster Ulbricht): A contrasting juxtaposition of a conjugated polymer and a small molecule „analog“
- Poster (Yumusak): Hydrogen-Bonded Semiconductor Pigments and Their Applications in Organic Electronic Devices
- Poster (Heilbrunner): Charge carrier generation and transport in lead halide perovskite materials
- Poster (Bednorz): Sub-bandgap photoexcitation in C₆₀ based devices
- Poster (Stadler): Coherent electrons in ordered, metallic PEDOT:PSS
- 4.-8.4.2016 **NaNaX7 Conference**, Marburg, Germany
- Talk (Glowacki): „*Colloidal organic semiconductor micro- and nanocrystals – devices and applications*“
- 15.4.2016 **GÖCH Gesellschaft Österreichischer Chemiker Meeting**, Salzburg, Austria
- Talk (Scharber): „*On the Efficiency Limit of Organic Solar Cells*“
- 26.-29.4.2016 **Cost Meeting – New Trends in Solar Cells**, Bratislava, Slovakia
- Plenary Lecture (Scharber): „*On the Efficiency Limit of Organic Solar Cells*“
- 16.-20.5.2016 **APMAS Conference**, Canakkale, Turkey
- Invited Talk (Sariciftci): “*From organic to bio-organic electronics* ”
- 23.-24.5.2016 **Erwin Schrödinger Symposium**, Vienna, Austria
- Talk: “*From organic to bio-organic semiconductors for solar energy conversion* ”
- 23.-29.5.2016 **ERASMUS International Week**, Chania, Greece
- Invited Lecture Series (Scharber): “*Organic Photovoltaics Fundamentals*”
- 24.-28.5.2016 **ICERE 2016 International Conference on Environment and Renewable Energy**, Munich, Germany
- Egbe
- 25.-29.5.2016 **ICTP Conference**, Izmir, Turkey
- Invited Talk (Sariciftci): “*From organic to bio-organic semiconductors for solar energy conversion* ”
- 6.-10.6.2016 **16th Joint Vacuum Conference (JVC-16)**, Portoroz, Slovenia
- Invited Talk (Glowacki): „*Nature-inspired organic hydrogen-bonded thin films for sustainable and biocompatible electronics*“
- 8.-10.6.2016 **Workshop in Memoriam of Carlo Taliani**, Bologna, Italy
- Invited Talk (Sariciftci): „*Conjugated polymer photoelectrocatalysis for CO₂ reduction*“
- Schlager

- 22.6.-2.7.2016 **ICSM 2016**, Guanzhou, China
Invited Talk (Sariciftci): „*Organic and Bio-organic photo-electro-catalysis for CO₂ recycling*“
- 3.-8.7.2016 **ISFOE16 Conference**, Thessaloniki, Greece
Keynote (Scharber): “*On the Efficiency Limit of Conjugated Polymer: Fullerene-Based Bulk Heterojunction Solar Cells*”
- 16.-24.7.2016 **The International Conference on Pure and Applied Chemistry (ICPAC 2016)**, Mauritius
Invited lecture (Egbe): „*Anthracene-Based Conjugated Polymers for Organic Photovoltaics: Effect of Alkoxy Side-Chains*”
- 17.-22.7.2016 **IUPAC Macrosymposium**, Istanbul, Turkey
Plenary Speaker (Sariciftci): „*From Organic To Bioorganic Electronic Devices*“
- 21.-25.8.2016 **American Chemical Society, ACS National Meeting**, Philadelphia, USA
Talk (Glowacki): „*Hydrogen-bonded organic pigment nanoarchitectures for photocatalysis: From photosynthesis of hydrogen peroxide to metal reduction*“
Talk (Jakesova): „*Cellular photostimulation with hydrogen-bonded organic semiconductor microcrystal interfaces*“
- 5.-8.9.2016 **Asilomar Bioelectronics Symposium 2016**, Pacific Grove, USA
Poster (Glowacki): Hydrogen-bonded organic pigments – a natural choice for bioelectronics
Invited Speaker (Sariciftci): „*From Organic to Bioorganic Electronic Devices*“
Poster + Talk – poster prize (Jakesova): „*Cellular photostimulation with hydrogen-bonded organic semiconductor microcrystal interfaces*“
- 6.-10.9.2016 **PHOTOVOLTAICA, International Solar Energy Exhibition and Conference**, Casablanca, Morocco
Invited Talk (Egbe): „*African Network for Solar Energy: Bridging Africa & Rest of the World in Human Capacity Building in Renewable Energies and Water*”
Invited Talk (Egbe): „*Organic Solar Cells: Case Study on Poly(arylene-ethynylene)-alt-poly(arylene-vinylene)s*“
- 11.-15.9.2016 **ICCDU 2016, International Conference on Carbon Dioxide Utilisation**, Sheffield, UK
Invited key note lecture (Schlager): „*Bio-electrocatalytic CO₂ Reduction using Enzymes and Microorganisms*”
Poster and Presentation (Ebner): „*Porous silicon carbide electrodes for catalytic reduction of carbon dioxide*”
- 11.-16.9.2016 **Molecular Crystal Conference**, Kazimierz nad Wisla, Poland
Invited Talk (Glowacki): „*Nanocrystalline bioorganic semiconductors for bioelectronics and catalysis applications*”

- 17.-22.9.2016 **EMRS Warsaw, Poland**
 Talk (Coskun): „*A new synthetic pathway of a naturally occurring pigment: vapor phase polydopamine*“
 Talk (Farka): „*PEDOT:sulphate: A conductive, semitransparent polymer metal*“
 Invited Talk (Egbe): „*Modulation of Charge Carrier Mobility by Side-Chain Engineering of Two-Dimensional Conjugated PPE-PPVs*“
 Poster (Stadler): Cu(I) ionic inorganic-organic hybrid materials as alternative for photovoltaic application
 Stadler: Main organizer of Symposium S “Solution-based emerging hybrid solar cells”
- 28.9.2016 **Japanese-Austrian Meeting on Organic & Hybrid Semiconductors, JKU Linz, Austria**
 Talk (Stadler): „*Paths towards high conductivity and high transparency in conductive polymers*“
 Talk (Scharber/Heilbrunner): „*Perovskites: Recent developments and future perspectives*“
 Talk (Apaydin/Schlager): „*Electrochemical Reduction of CO₂ Using Organic and Bioorganic Catalysts*“
 Talk (Whang): "*Cyclometalated Transition Metal Complexes for Artificial Photosynthesis*"
 Talk (Glowacki): "*Bioorganic Semiconductors*"
- 26.-28.10.2016 **Orbitaly, Organic Bioelectronics Italy, Brindisi, Italy**
 Invited Talk (Glowacki): „*Hydrogen bond mediated synthesis of nano- microcrystalline semiconductors for bioelectronics and catalysis applications*“
- 25.11.-1.12.2016 **Advanced Materials Conference, Bangkok, Thailand**
 Invited Talk (Sariciftci) "*From organic to bio-organic semiconductors for solar energy conversion*"
- 26.11.-4.12.2016 **Materials Research Society, MRS Boston, USA**
 Talk (Apaydin): "*Third Generation Conjugated Polymers for Photoelectrochemical Reduction of Carbon Dioxide*"