

III. PRESENTATIONS AT CONFERENCES

Konferenzbeiträge

- 21.-26.1.2012 **2012 MRS Photonics West, San Francisco, USA**
Invited Talk (Irimia-Vladu): *“High Performance Natural Semiconductor for Green Organic Electronics Development”*
- 2.2.2012 **Seminar at the Department of Atomic Physics and Surface Science, University of Linz, Austria**
Talk (Glowacki): *“Indigo and related hydrogen-bonded molecules for organic electronics”*
- 11.-23.2.2012 **ANSOLE DAYS 2012, “Solar Energy for Sustainable Development”, Yaounde, Cameroon**
Keynote lecture (Egbe): *“Material Design for Organic Solar Cells”*
- 3.-10.3.2012 **International Winterschool on Electronic Properties of Novel Materials, Kirchberg in Tirol, Austria**
Poster (Neugebauer): *Hopping transport in disordered fullerene Films* (A.Pivrikas, M. Ullah, H. Sitter, H. Neugebauer, N.S. Sariciftci)
- 5.-9.3.2012 **Winterschool on Organic Electronics, Plannersalm, Austria**
Talk (Bednorz): *“Silicon/organic hybrid heterojunction infrared photodetector operating at room temperature in the telecommunication range”*
Talk (Glowacki): *“Learning from nature – Hydrogen-bonded organic semiconductors”*
- 12.-16.3.2012 **European Society for Quantum Solar Energy Conversion, QUANTSOL, Bad Gastein, Austria**
Talk (Sariciftci): *“Organic Semiconductor Photophysics/Photochemistry for Solar Energy Conversion into Electricity and Synthetic Fuels”*
- 2.-10.4.2012 **International conference and workshop on Renewable energy and climate change, Madurai Kamaraj University, India**
Guest of Honor and keynote lecture (Egbe): *“Polymer Solar Cells”* and *“African Network for Solar Energy”*
- 9.-15.4.2012 **2012 MRS Spring Meeting & Exhibit, San Francisco, USA**
Talk (Glowacki): *“Progress in natural and nature-inspired semiconductors for organic electronics”*
Talk (Bednorz): *“Silicon/organic hybrid heterojunction infrared photodetector operating at room temperature in the telecommunication range”*
Irimia-Vladu organized the Symposium UU: (Integration of Natural and Synthetic Biomaterials with Organic Electronics)

- 24.-29.4.2012 **2nd International Advances in Applied Physics & Materials Science Congress, APMAS, Antalya, Turkey**
Plenary Speaker (Sariciftci): *“Organic Optoelectronic Materials”*
- 14.-18.5.2012 **The National Meeting on Condensed Matter Physics (ENFMC) of the Brazilian Physical Society, Águas de Lindóia Brazil**
Invited Talk (Irimia-Vladu): *“Hydrogen Bonding in Organic Materials: High Performance Natural and Nature-inspired Semiconductors for Green Organic Electronics”*
- 15.-20.5.2012 **Fachschaffstagung des Cusanuswerkes “Sonnenstrahlen einfangen – mit Photosynthese, Solarzellen und Batterien”, Oberwesel, Germany**
Talk (Scharber): *“Organische Solarzellen - Beitrag zur Energiewende oder Technologie für einen Nischenmarkt?”*
- 20.-24.5.2012 **Advanced workshop on solar energy convention, Faculty of Physics, University of Bucharest**
Talk (Glowacki): *“Learning from nature: hydrogen-bonded macromolecules for organic electronics”*
Invited Lecture (Sariciftci): *“Charge carrier transport in organic photovoltaic devices”*
Invited Lecture (Egbe): *“Polymer-based organic solar cells” and “ANSOLE - solar energy for Africa” and „Organic-inorganic nanostructures for solar energy conversion“*
- 21.-24.5.2012 **5. Internationales Symposium „Technologien für Polymer Elektronik – TPE 12, Rudolstadt, Germany**
Talk (Irimia-Vladu): *“Hydrogen-bonded Indigoids and Acridones: Highly Ordered Semiconductors for High Performance Organic Electronics Applications”*
- 18.-19.6.2012 **LOPE – C 2013, Large-area, Organic and Printed Electronics Convention, Munich, Germany**
Talk (Egbe): *“African Network for Solar Energy: Bridging Africans in Capacity Building, Research and Use of Solar Energy”*
- 24.-29.6.2012 **World Polymer Congress, The International Union of Pure and Applied Chemistry (IUPAC), Virginia, USA**
Plenary Speaker (Sariciftci): *“Organic and Bio-Organic Polymers for Sustainable Optoelectronics”*
- 1.-6.7.2012 **ICYRAM, International Conference of Young Researchers on Advanced Materials, Singapore**
Invited Talk (Irimia-Vladu): *“Hydrogen-bonded Semiconductors for Photovoltaic and TFT Applications”*
- 15.-17.8.2012 **9th International Symposium on Electrochemical Micro & Nanosystem Technologies (EMNT 2012), University Linz, Austria**
Talk (Gasiorowski): *“Electrochemical, chemical and photo-doping in low band gap*

- polymer PBDTTT-c"*
- 18.-26.8.2012 **63rd Annual Meeting of the International Society of Electrochemistry, Electrochemistry for Advanced Materials, Technologies and Instrumentation**, Prague, Czech Republic
Talk (Gasiorowski): *"High throughput screening of small amounts of organic semiconductors using a scanning droplet cell"*
- 19.-23.8.2012 **244th American Chemical Society National Symposium & Exhibition Division of Energy and Fuels**, Philadelphia, USA
Talk (Portenkirchner): *"Selective reduction of carbon dioxide to carbon monoxide with rhenium(I) complex (5,5'-bisphenylethynyl-2,2'-bipyridyl)Re(CO)₃Cl"*
Invited Talk (Irimia-Vladu): *„Natural and nature-inspired materials for environmentally-friendly, green organic electronics"*
- 3.-5.9.2012 **2nd Adriatic School of Nanoscience, ASON 2012**, Dubrovnik, Croatia
Invited Lecturer (Sariciftci): *"Organic –Inorganic Nanostructures for Solar Energy Conversion"* and *"Charge Carrier Transport in Organic Photovoltaic Devices"*
- 10.-14.9.2012 **CECAM Conference "Energy from the Sun: Computational Chemists and Physicists Take up the Challenge"**, Cagliari, Italy
Invited Speaker (Sariciftci): *"Energy from the Sun: Computational Chemists and Physicists Take up the Challenge"*
- 14.-21.9.2012 **Second International Meeting on Organic Materials for a Better Future (FUTURMAT2)**, Brindisi, Italy
Invited Speaker (White): *"Ultra-thin, -light, and -flexible organic solar cells"*
- 16.-19.9.2012 **SEPA-DESERTEC International Conference 2012, Education and Capacity Building for Renewable Energies: Concepts and Targets**, Justus-Liebig University Giessen, Germany
Invited Lecture (Egbe): *"African Network for Solar Energy: (ANSOLE): Bridging Africans in Training, Education and Research"*
- 7.-8.10.2012 **Holzhau Workshop of Prof. Zahn's Group (TU Chemnitz)**, Carlsbad, Czech Republic
Invited Talk (Egbe): *"Side Chains Effects on the Photovoltaic Performance of Anthracene-Containing PPE-PPVs"*
- 7.-15.10.2012 **PRIME Pacific Rim Meeting on Electrochemical and Solid-State Science**, Honolulu, USA
Poster (Portenkirchner): *Selective reduction of carbon dioxide to carbon monoxide with rhenium(I) complex (5,5'-bisphenylethynyl-2,2'-bipyridyl)Re(CO)₃Cl*
- 9.-13.10.2012 **1st EPS conference Physics for Development, European Physical Society**, Brussels, Belgium
Invited lecture (Egbe): *"African Network for Solar Energy: (ANSOLE): Bridging Africans in Training, Education and Research"*

- 28.-30.10.2012 **Avogadro Colloquia of the Societa Chimica Italiana "Organic Bioelectronics: Challenges and Opportunities for Chemistry"**, Bologna, Italy
Invited Talk (Glowacki): *"Hydrogen-bonded pigments for organic electronics"*
- 8.-12.11.2012 **Second Biennial CO2 Workshop**, Princeton University, USA
Poster (Portenkirchner): *Toward selective reduction of carbon dioxide to carbon monoxide with the rhenium(I) compound (5,5'-bisphenylethynyl-2,2'-bipyridyl) $Re(CO)_3Cl$*
Poster (Schlager): *Polypyrrole Supported CO2 Reduction with a Pyridine-based Mediator*
- 19.-26.11.2012 **The 5th International Conference on Appropriate Technology, ICAT 2012**, Pretoria, South Africa
Keynote speaker (Egbe): *"African Network for Solar Energy: (ANSOLE): Bridging Africans in Training, Education and Research"*
- 21.11.-30.11.2012 **MRS Fall Meeting**, Materials Research Society, Boston, USA
Talk (White): *"Ultra-thin, -light, and -flexible organic solar cells"*
Talk (Irimia Vladu): *"Air-stable Hydrogen-bonded Molecules for Organic Field Effect Transistors"*
- 8.-12.12.2012 **EWACC2012 – Building Bridges - Energy, Water and Climate Change – Building Bridges between Europe and Middle East and North Africa (MENA)**, Nicosia, Cyprus
Invited Talk (Egbe): *"African Network for Solar Energy: Promoting Low Cost Appropriate Solar Energy Technology in Africa"*