

### III PRESENTATIONS AT CONFERENCES

#### Konferenzbeiträge

- 16.-23.3.2019 **6th International Winterschool on Bioelectronics, BioEI2019**, Kirchberg, Austria  
Organized by LIOS (Organizing Committee Sariciftci, Yumusak)  
Poster (Tekoglu): Investigation of PEDOT:DNA conducting polymer films for bioelectronics
- 17.-22.3.2019 **Quantsol Conference, European Society for Quantum Solar Energy Conversion**, Rauris in Salzburg, Austria  
Talk (Teklemariam): *“Solvent Engineering to Improve the Performance of Planar Organic-Inorganic Hybrid Perovskite Solar Cells”*
- 20.-24.3.2019 **Electromicrobiology Conference**, Aarhus, Denmark  
Poster (Seelajaroen): Microbial electrochemical reduction of carbon dioxide to formate using neutral red as redox mediator
- 24.-28.3.2019 **Artificial Photosynthesis Faraday Discussion Conference**, Cambridge, GB  
Poster (Wielend): Electrochemical capture and release of  $CO_2$  using anthraquinone
- 3.-5.4.2019 **International Symposium Global Sustainable Development Goals in a Mediatized World** Vienna, Austria  
Invited Talk (Sariciftci): *“Carbon dioxide recycling to useful chemical products and synthetic fuels”*  
Panel Discussion (Sariciftci)  
Poster (Seelajaroen): Biological catalysts for electrochemical synthesis of fuels and chemicals using  $CO_2$  recycling
- 18.-23.4.2019 **AsCOF 2019 Spring Meeting**, Lyon, France  
Invited Talk (Whang): *“Bioinspired Strategies for Artificial Photosynthesis”*
- 26.-31.5.2019 **European Materials Research Society, E-MRS Conference**, Nice, France  
Talks (He Sun): *“Vanadium Redox Flow Batteries Fabricated by 3D Printing and Employing Recycled Vanadium Collected from Ammonia Slag”* and *“Hydrothermal synthesis of transition metal doped ZnO nanoparticles and their electrocatalytic activity for water oxidation”*

- 27.5.-1.6.2019 **PPS35 Conference, 35th International Conference of the Polymer Processing Society**, Izmir, Turkey  
Invited Talk (Sariciftci): *"Organic and bio-organic systems for solar energy conversion and CO<sub>2</sub> Recycling"*
- 15.-20.6.2019 **CKC 2019 Conference, Canada-Korea Conference on Science and Technology**, Calgary, Canada  
Invited Talk (Whang): *"Bioinspired Strategies for Artificial Photosynthesis"*
- 16.-19.6.2019 **8<sup>th</sup> WMRIF Symposium and General Assembly Hungarian Academy**, Budapest, Hungary  
Invited Talk (Scharber): *"Emerging Materials for Photovoltaics - Potentials & Requirements"*
- 3.-5.7.2019 **TÜBA Energy Storage Meeting**, Igdir, Turkey  
Plenary Lecture (Sariciftci): *"Chemical Storage of Solar Energy using CO<sub>2</sub> Recycling"*
- 17.-18.7.2019 **EKC2019, Europe-Korea Conference on Science and Technology**, Vienna, Austria  
Chair (Whang): Division: D1. Physics and Mathematics  
Keynote speaker (Sariciftci): *"Organic and bio-organic systems for solar energy conversion and CO<sub>2</sub> Recycling"*  
Invited Talk (Scharber): *"Are perovskites the better semiconductors for solar cells?"*  
Poster (Tekoglu): Investigation of Conductive Polymer-DNA Biocomposites for Bioelectronics  
Poster (Wielend): Reversible electrochemical capture and release of CO<sub>2</sub> using anthraquinone  
Poster (John-Denk): Organic and Perovskite Photovoltaic device fabrication & characterization at LIOS  
Session Organizer and Chair (Yumusak): 1. Organic Optoelectronic Materials and Devices and 2. Bioelectronics
- 9.-10.9.2019 **International Natural Science, Engineering and Material Technologies Conference (NEM2019)**, Istanbul, Turkey  
Invited Talk (Sariciftci): *"Organic and bio-organic electronic devices"*

- 10.-13.9.2019 **Turkish Chemical Society Conference, Yildiz Technical University, Istanbul, Turkey**  
Plenary Lecture (Sariciftci): *"Organic and bio-organic Electronics"*
- 15.-20.9.2019 **European Materials Research Society, E-MRS Fall Meeting, Warsaw, Poland**  
Talk (Stadler): *"IR-operando studies on emerging CO<sub>2</sub> electrocatalysts"*
- 20.-22.9.2019 **KEMST 6th Forum, Warsaw, Poland**  
Panel (Whang): Semiconductor Display Materials
- 24.-27.9.2019 **Österreichische Chemietage GÖCH, Johannes Kepler University, Linz, Austria**  
Poster (Aljabour): Transition metal dichalcogenide TiS<sub>2</sub> as electrocatalyst for CO<sub>2</sub> electroreduction  
Talk (Coskun Aljabour): *"Bio-inspired polydopamine mimic noble metal electrocatalysts in hydrogen evolution reaction"*  
Talk (Stadler): *"Catalytic reduction of CO<sub>2</sub> using functional conducting polymers"*  
Talk (Wielend): *"Electrochemical capture and release of CO<sub>2</sub> using anthraquinone"*  
Talk (Sariciftci): *"Bio-organic semiconductors for bioelectronics and electrocatalytic CO<sub>2</sub> recycling"*  
Talk (Scharber): *"Are perovskites the better semiconductors for opto-electronics?"*  
Talk (Seelajaroen): *"Neutral red as redox mediator in microbial electrochemical CO<sub>2</sub> reduction"*
- 11.-13.10.2019 **KOSEAA 2019 Fall Meeting, Traunkirchen, Austria**  
Talk (Wielend): *"Artificial Photosynthesis: Recent work at LIOS"*  
Invited Talk (Scharber): *"Do we need new generations of photovoltaic devices?"*  
Invited Talk (Yumusak): *"Hydrogen-Bonded Semiconductor Pigments"*
- 15.-19.10.2019 **12th International Conference on Nanomaterials - Research & Application, NANOCON, Brno, Czech Republic**  
Talk (Seelajaroen): *"Enzyme-functionalized Graphenes as Novel Electrochemical Nano-bio-catalysts for Reduction of Carbon Dioxide"*  
Plenary Lecture (Sariciftci): *"Organic and bio-organic systems for solar energy conversion and CO<sub>2</sub> Recycling"*  
Poster (Yumusak): New N,N-alkylated riboflavin derivatives - influence of side chain substitution to properties of bio-inspired semiconductors