

III PRESENTATIONS AT CONFERENCES

Konferenzbeiträge

- 16.-23.3.2024 **BioEl 2024, International Winterschool on Bioelectronics**, Kirchberg in Tirol, Austria
Poster (Irimia-Vladu): *Natural small molecules aliphatic dielectrics for bio-organic electronics: cholesterol and hexadecyl palmitate*
Organizing Committee: Sariciftci, Yumusak
Session Chairs: Sariciftci, Yumusak, Irimia-Vladu
Participants: Matura, Schimanofsky, Tekoglu
- 23.-26.4.2024 **17th ScSB Annual Meeting (ScSB2024), Scandinavian Society for Biomaterials**, Helsingor, Denmark
Poster (Schimanofsky): *Biopolymers from riboflavin for CO₂ capture and O₂ reduction*
- 16.5.2024 **NEFI Technology**, Photovoltaik für Betriebe, Linz, Austria
Invited Talk (Scharber): *„Neue Materialien für leistungsstarke Solarzellen“*
- 22.-29.6.2024 **ICSM 2024, The International Conference on Science and Technology of Synthetic Electronics Materials**, Dresden, Germany
Invited Talk (Sariciftci): *“Organic and bio-organic conductors and semiconductors for electrochemical reduction of CO₂ into artificial fuels”*
Invited Talk (Irimia-Vladu): *“The road to “Green” organic bioelectronics”*
Talk (Gugujonovic): *“Electrochemical methods to determine the valence and conduction band edge of perovskite thin films”*
Talk (Böhm): *“On conductive metal-organic frameworks comprising novel tetrathiafulvalene-analogous linkers”*
Talk (Tekoglu): *“Cellulose-based conductive biocomposites for bioelectronics”*
Talk (Mayr): *“Stable and highly fluorescent lead halide perovskite nanocrystals protected by an in situ formed lead halide-amino acid matrix”*
Poster (Leeb): *Conductive polyanthraquinones for electrochemical energy storage applications*
Poster (Matura): *Ambient processing of non-fullerene acceptor based organic solar cells for indoor light-soaking stability tests*
Poster (Schimanofsky): *Synthesis and characterization of novel poly-aminoanthraquinones*

- 30.6.-5.7.2024 **Nanotextology2024 International Conferences & Exhibition on Nanotechnologies, Organic Electronics & Nanomedicine**, Thessaloniki, Greece
Keynote Speaker (Scharber): *“The role of alpha-methylbenzyl ammonium iodide to reduce defect densities in perovskite devices”*
- 13.-18.7.2024 **The Energy Academy Europe**, Groningen, The Netherlands
Poster (Gugujonovic): *“Fast electron transfer and increased open circuit voltage with c-PCBSD as a cathodic interlayer in wide band gap perovskite solar cells”*
- 27.8.2024 **8th Annual Nanotechnology Conference – NANOMAT2024**, Wien, Austria
Invited Talk (Scharber): *“Are perovskites the better absorbers in photovoltaic devices?”*
- 8.-12.9.2024 **38th Topical Meeting of the International Society of Electrochemistry**, Manchester, UK
Poster (Böhm): *On Metal-Organic frameworks comprising redox-active tetrathiafulvalene-analogous linkers*
Poster (Leeb): *Homogeneous and heterogeneous riboflavin catalysis for oxygen reduction reactions*
- 11.-13.9.2024 **9th Meeting on Chemistry & Life, University of Brno**, Czech Republic
Invited Talk (Sariciftci): *“Bio-organic semiconductors for sustainable electronics and their bio-medical integration”*
Invited Talk (Irimia-Vladu): *“Natural dielectrics for bio-organic electronics”*
Poster (Schimanofsky): *Bio-inspired polymers for CO₂ capture and O₂ reduction*
Session Chair: Yumusak
Participant: Siegel
- 15.-18.9.2024 **6th IEEE International Flexible Electronics Technology Conference, IFETC '24**, Bologna, Italy
Session organizer and session chair (Tekoglu)
- 23.-25.9.2024 **Chemietage 2024**, Graz, Austria
Talk (Schimanofsky): *“Bio-inspired polymers for CO₂ capture and O₂ reduction”*
- 27.9.-5.10.2024 **XXII Brazil Materials Research Society (B-MRS)**, Santos, Brazil
Invited Talk (Irimia-Vladu): *“Natural dielectrics for bio-organic electronics”*

- 27.9.-6.10.2024 **The Polymer Society of Korea, Annual Fall Meeting**, Busan, Korea
Invited Talk (Sariciftci): *“Organic and bio-organic systems for interfacing biological systems”*
Talk (Yumusak): *“Hydrogen-bonded molecules for bio-organic electronic applications”*
- 30.10.-4.11.2024 **4th International Conference on Nanomaterials and their Applications, nanoMAT 2024**,
Tunisia
Invited Talk (Irimia Vladu): *“The road to “Green” organic bioelectronics”*
- 14.-16.11.2024 **International Centre for Theoretical Physics, ICTP**, Trieste, Italy
Global Science for Climate and Energy – Panel discussion (Sariciftci)
- 29.11.-6.12.2024 **Materials Research Society, MRS Fall Meeting**, Boston, USA
Invited Talk (Tekoglu): *“Biopolymer-based mixed ionic-electronic conductors for bioelectronics”*
Session Chair SB11.06: Biomedical Applications (Tekoglu)