


		Monday Wista Convention Center Bunsen Hall		
9:00 - 9:45	Plen.	Thuc-Quyen Ngyuen UCSB <i>Understanding Loss Mechanisms in Bulk Heterojunction (BHJ) Organic Solar Cells</i> Session Chair: Norbert Koch		
9:45 - 10:30	Plen.	Klaus Müllen MPI Mainz <i>Graphene Nanoribbons are Unique Semiconductors</i> Session Chair: Stefan Hecht		
		Wista Convention Center Bunsen Hall	Wista Convention Center Einstein-Newton-Cabinet	Erwin-Schrödinger-Zentrum Conference Room 0'119
10:30 - 11:00	Coffee Break			
Session Chairs:		Emil List-Kratochvil	Stefan Hecht	Julia Stähler
11:00 - 11:30	Inv.	Chihaya Adachi Kyushu U <i>Optical and electrical excitation of organic semiconductor laser diodes</i>	Uwe Bunz U Heidelberg <i>N-Heteroacenes and N-Heteroarenes as Novel Materials</i>	Denis Andrienko MPI Mainz <i>Molecular understanding of organic-organic interfaces and mixtures</i>
11:30 - 11:50	Contr.	Zuo-Quan Jiang Soochow U <i>Highly Efficient Thermally Activated Delayed Fluorescence (TADF) Emission Based on Multi-π-Systems</i>	Robert Twieg Kent State U <i>Discotic Liquid Crystals Do NOT Require Tails</i>	Micaela Matta Northwestern U <i>Optimization of donors and acceptors for organic photovoltaics guided by molecular simulations</i>
11:50 - 12:10	Contr.	Juozas Vidas Grazulevicius Kaunas U <i>Exciplex-forming systems for efficient organic light-emitting diodes</i>	Hironobu Hayashi NAIST <i>On-surface light-induced synthesis of higher acenes from α-diketone-type precursors</i>	Hiroyuki Yoshida Chiba U <i>Organic-organic interface and energy of charge separation states in the film of donor and acceptor blends</i>
12:10 - 12:30	Contr.	Daniel Congrave U Cambridge <i>A design rule for obtaining efficient near-IR TADF emission beyond 1000 nm</i>	Andrej Jancarik CAS <i>A practical general method for the preparation of long acenes</i>	Egbert Zojer Graz U <i>Embedded dipole SAMs for tuning electrode work functions</i>
12:30 - 14:00	Lunch			
Session Chairs:		Uwe Bunz	Chihaya Adachi	Andreas Opitz
14:00 - 14:30	Inv.	Chunyan Chi NU Singapore <i>Acenes and Extended Heterocyclic Quinodimethanes</i>	Paul Blom MPI Mainz <i>Predictive Modelling of Charge Transport in Organic Semiconductors</i>	Soo Young Park Seoul NU <i>Color-Specific Photoswitching in Dual Color Fluorescent System</i>
14:30 - 14:50	Contr.	Yi Liu LBNL <i>Stable para-Quinodimethane Derivatives for Optoelectronics</i>	Hiroko Yamada NAIST <i>Engineering Thin Films of a Tetrabenzoporphyrin toward Efficient Charge-Carrier Transport</i>	Robert Göstl DWI <i>Tailor-making π-extended optical force probes for stress sensing in materials</i>
14:50 - 15:10	Contr.	Anjan Bedi U Jerusalem <i>Helically-Locked Tethered Twistacenes</i>	Karin Zojer Graz U <i>Controlling carrier type and contact resistances in organic thin-film transistors</i>	Takashi Nakanishi WPI-MANA <i>Alkylated-π Functional Molecular Liquids toward Stretchable Electret Applications</i>
15:10 - 15:30	Contr.	Luca Beverina U Milan <i>Bench-top, sustainable access to conjugated materials: how far you can go with tap water, a stirring plate, very little palladium and a little soap</i>	Maria Diaz-Garcia U Alicante <i>Novel organic compounds for solution-processed thin film organic lasers</i>	Liqiang Li Tianjin U <i>Semiconductor/conductor interface piezoresistive effect for novel pressure sensor with tunable sensitivity</i>
15:30 - 16:00	Coffee Break			
Session Chairs:		Chunyan Chi	Stefan Hecht	Thuc-Quyen Nguyen
16:00 - 16:30	Inv.	Iain McCulloch KAUST <i>Semiconducting Polymers for High Performance OFET and OECT Applications</i>	Ben Zhong Tang Hong Kong U <i>Room Temperature Phosphorescence</i>	Natalie Banerji U Bern <i>Ultrafast Properties of a Self-Doped Conjugated Polyelectrolyte</i>
16:30 - 16:50	Contr.	Mao Li CIAC <i>Electrochemical Synthesis of Functional Polymers</i>	Zhongfu An Nanjing Tech U <i>Ultralong Organic Phosphorescence</i>	Philip Chow Hong Kong U <i>Charge generation dynamics in efficient non-fullerene organic solar cells</i>
16:50 - 17:10	Contr.	Yousuke Ooyama Hiroshima U <i>Synthesis, Optical and Electrochemical Properties of Phenanthrothiophene (Fused-Bibenzo[c]thiophene) Chromophore</i>	Matthias Stolte U Würzburg <i>Ultra-narrow Bandwidth Organic Photodiodes by Exchange Narrowing in Merocyanine H and J-aggregate Excitonic Systems</i>	Till Biskup U Freiburg <i>Electronic structure, morphology, and flexibility of conjugated polymers: Insights from time-resolved electron paramagnetic resonance spectroscopy</i>
17:10 - 17:30	Contr.	Xike Gao SIOC <i>Azulene-Based Organic Semiconductors</i>	Peter Strohriegel U Bayreuth <i>Crosslinkable conjugated polymers for organic electronics</i>	Yuqian Jiang NCNST China <i>Understanding the microscopic mechanisms of carrier and exciton transport in organic semiconductors</i>
17:30 - 17:50	Contr.	Michael Sommer TU Chemnitz <i>N-type copolymers for organic solar cells, transistors and thermoelectrics</i>	Jacek Ulanski Lodz U <i>Printed Organic Electronics – Problems and Perspectives</i>	Ergang Wang Chalmers U <i>Molecular Design and Synthesis towards High-performance All-Polymer Solar Cells</i>
from 18:30	Poster Session			

		Tuesday Wista Convention Center Bunsen Hall	
9:00 - 9:45	Plen.	Antoine Kahn Princeton U <i>Paradigm Shift in n-Doping of Low Electron Affinity Organic Semiconductors</i> Session Chair: Norbert Koch	
9:45 - 10:30	Plen.	He Henry Yan Hong Kong U <i>Achieving non-fullerene organic solar cells with over 16% efficiency: material design, device optimization and mechanism study</i> Session Chair: Norbert Koch	
		Wista Convention Center Bunsen Hall	Wista Convention Center Einstein-Newton-Cabinet
10:30 - 11:00	Coffee Break		
Session Chairs:		Natalie Banerji	Luca Beverina
11:00 - 11:30	Inv.	Natalie Stingelin Georgia Tech <i>Designing solution-processed photonic light- and heat-management structures for solution-processable and printable organic optoelectronic devices</i>	Peter Bäuerle U Ulm <i>Towards complex 3D carbon-sulfur structures</i>
11:30 - 11:50	Contr.	Han Young Woo Korea U <i>Aqueous-processable organic photovoltaic materials and devices</i>	Mihaela Stefan UT Dallas <i>Thienopyrrole organic semiconductors for organic field effect transistors (OFETs)</i>
11:50 - 12:10	Contr.	Chuanlang Zhan Hebei U <i>Designing Quaternary Blended Organic Solar Cells with Over 13% Efficiencies</i>	Brigitte Holzer TU Vienna <i>Mixed Sulfur/Selenium Fused π-Conjugated Materials for Organic Field-Effect Transistors</i>
12:10 - 12:30	Contr.	Alexander Kuehne Ulm U <i>Bio-degradable conjugated polymer particles as bio-medical imaging probes</i>	Sigurd Höger U Bonn <i>Synthesis and Properties of Molecular Spoked Wheels</i>
12:30 - 14:00	Lunch		
Session Chairs:		Ian McCulloch	Giovanni Ligorio
14:00 - 14:30	Inv.	Christine Luscombe U Washington <i>Polythiophene derivatives as mixed organic ionic and electronic conductors</i>	Jianbin Xu CU Hong Kong <i>Adventure of Electroactive/Photoactive Organic Thin Films on Flatland</i>
14:30 - 14:50	Contr.	Paul Burn U Queensland <i>Dielectric constant tuning of organic photovoltaic materials</i>	Jose Segura U Madrid <i>Development of Novel Covalent Organic Frameworks</i>
14:50 - 15:10	Contr.	Anna Österholm Georgia Tech <i>Disentangling Redox Properties and Capacitance in Soluble Conjugated Polymers for Electrochemical and Bioelectronic Applications</i>	Benlin Hu MPI Mainz <i>The 2D and 3D extension of long pyrene-fused N-heteroacenes</i>
15:10 - 15:30	Contr.	Giovanni Costantini U Warwick <i>Microstructure and sequence of conjugated polymers revealed by high-resolution scanning probe microscopy</i>	Elena Mena-Osteritz Ulm U <i>Thiophene-based S,N-Heteroacenes: Electronic Properties and X-Ray Structure Analysis</i>
15:30 - 16:00	Coffee Break		
Session Chairs:		Paul Blom	Natalie Stingelin
16:00 - 16:30	Inv.	Kilwon Cho Pohang U <i>Bias-Stress-Induced Charge Trapping in Organic Transistors: A Molecular Structure Perspective</i>	Elizabeth von Hauff VU Amsterdam <i>A dynamic picture of photovoltaic energy conversion</i>
16:30 - 16:50	Contr.	Takehiko Mori TI Tech <i>Transistors of charge-transfer complexes</i>	Itaru Osaka Hiroshima U <i>Efficient "Sensitized" Ternary Polymer Solar Cells with Small Photon Energy Loss</i>
16:50 - 17:10	Contr.	Marta Mas-Torrent ICMA B <i>Fabrication of reproducible and reliable organic field-effect transistors by solution-shearing employing blended organic semiconductors</i>	Gjergji Sini U of Cergy-Pontoisie <i>Charge Separation in Organic Solar Cells: Energy Bending versus Energy Disorder</i>
17:10 - 17:30	Contr.	Yunlong Guo ICCAS <i>Ultraflexible photodetectors based on organic field-effect transistors</i>	Giulia Grancini EPFL <i>2D/3D Hybrid Perovskite Interfaces and Physics therein for Stable and Efficient Solar Cells</i>
17:30 - 17:50	Contr.	Paschalis Gkoupidenis MPI Mainz <i>Neuromorphic synchronization of organic electrochemical devices</i>	Laurence Lutsen Hasselt U <i>Towards 2D Layered Hybrid Perovskites With Enhanced Functionality</i>
from 18:30	Poster Session		

		Wednesday Wista Convention Center Bunsen Hall		
9:00 - 9:45	Plen.	George Malliaras U Cambridge <i>Interfacing with the Brain Using Organic Electronics</i> Session Chair: Egbert Zojer		
9:45 - 10:30	Plen.	Lynn Loo Princeton U <i>Understanding how hierarchical structure impacts charge transport in molecular and polymeric semiconductors</i> Session Chair: Egbert Zojer		
		Wista Convention Center Bunsen Hall	Wista Convention Center Einstein-Newton-Cabinet	Erwin-Schrödinger-Zentrum Conference Room 0'119
10:30 - 11:00		Coffee Break		
Session Chairs:		Peter Bäuerle	Elena Mena-Osteritz	Satish Patil
11:00 - 11:30	Inv.	Stefan Mannsfeld TU Dresden <i>Solution-shearing: getting more out of an already quite standard coating method for organic field effect transistors</i>	Shigehiro Yamaguchi Nagoya U <i>Main-group-containing π-electron materials with structural constraint</i>	Anna Köhler U Bayreuth <i>What is the binding energy of a charge transfer state in an organic solar cell?</i>
11:30 - 11:50/ 12:00	Inv. Contr.	Marcus Halik (invited - 30 min.) U Erlangen-Nürnberg <i>The impact of the molecular structure of in-plane self-assembled p-systemson their 2D-molecular order and their transport properties</i>	Michael Mastalerz (contr. - 20 min.) U Heidelberg <i>From Simple Anthracene to Structurally Defined Perylene- and Coronene Nanoribbons</i>	Fengling Zhang (contr. - 20 min.) Linköping U <i>On Mechanism of hole transfer in Non-fullerene (NF) Organic Solar Cells</i>
11:50/ 12:00 - 12:10/ 12:20	Contr.	Xuediao Cai Shaanxi Normal U <i>Preparation of fused heterocyclic conjugated polymers by multicomponent one-pot polymerization</i>	Aurelio Mateo-Alonso POLYMAT <i>Synthesis of giant monodisperse n-doped nanographenes</i>	Safa Shoaee U Potsdam <i>Decoding Charge Recombination Through Charge Generation</i>
12:10/ 12:20 - 12:30/ 12:40	Contr.	Yutaka Ie Osaka U <i>Development of Organic Semiconductors Containing Fluorine-Substituted Electron-Accepting Units for Organic Photovoltaics</i>	Christoph Lambert U Würzburg <i>Changing optical properties stepwise from oligomeric to polymeric squaraine dyes</i>	Jose D. Cojal Gonzalez HU Berlin <i>Self-assembly of π-expanded macrocycles into functional supramolecular monolayers</i>
12:30 - 14:30		Lunch		
from 14:30		Social Events (Berlin City Tour, Guided Tour of Campus Adlershof)		

		Thursday		
		Wista Convention Center Bunsen Hall		
9:00 - 9:45	Plen.	Jean-Luc Bredas (Thieme Lecture) Georgia Tech <i>Two-dimensional π-conjugated Covalent Organic Frameworks (COFs): Emergence of high charge-carrier mobilities and magnetic properties</i> Session Chair: Michael Mastalerz		
9:45 - 10:30	Plen.	Luisa Torsi U Bari <i>Single-molecule label-free large-area bioelectronic sensing of clinical biomarkers</i> Session Chair: Claudia Draxl		
		Wista Convention Center Bunsen Hall	Wista Convention Center Einstein-Newton-Cabinet	Erwin-Schrödinger-Zentrum Conference Room 0'119
10:30 - 11:00		Coffee Break		
Session Chairs:		Felix Hermerschmidt	Ben Zhong Tang	Karin Zojer
11:00 - 11:30	Inv.	John Reynolds Georgia Tech <i>Fade to Black: Color Control in Electrochromic Polymers</i>	Ming Lee Tang U California <i>Energy conversion with synergistic combinations of acenes and quantum dots</i>	David Beljonne U Mons <i>Modeling charge transport and recombination in conjugated polymer heterojunctions</i>
11:30 - 11:50/12:00	Inv. Contr.	Seth Rasmussen (contr. - 20 min.) North Dakota State U <i>Ambipolar-Acceptor Frameworks as a New Design Paradigm in Low Bandgap Polymers</i>	Ken Albrecht (contr. - 20 min.) Kyushu U <i>Thermally-Activated Delayed-Fluorescence Dendrimers that Realizes OLEDs with Fully Solution-Processed Organic-Layers</i>	Oliver Hofmann (invited-30 min.) Graz U <i>Charge transfer beyond the first monolayer: Fact or Fiction?</i>
11:50/12:00 - 12:10/12:20	Contr.	Masayuki Gon Kyoto U <i>Near-Infrared-Emissive Conjugated Polymers Based on Fused Azobenzene Complexes</i>	Shigeyuki Yagi Osaka U <i>Phosphorescent organometallic dendrimers for non-doped organic light-emitting diodes</i>	Yuanping Yi ICCAS <i>Theoretical Study of the Energy Loss Mechanisms for Organic Photovoltaics</i>
12:10/12:20 - 12:30/12:40	Contr.	Ullrich Scherf U Wuppertal <i>Ladder Polymers made of Pentacyclic Building Blocks linked by Exocyclic Double Bonds</i>	Haiming Zhang Soochow U <i>On-Surface Synthesis of 8- and 10-Armchair Graphene Nanoribbons</i>	Feng He SUSTech <i>Chlorination: A Facile Method for Efficient Solar Conversion</i>
12:30 - 14:00		Lunch		
Session Chairs:		John Reynolds	Dieter Neher	Satoshi Kera
14:00 - 14:30	Inv.	John Anthony U Kentucky <i>Small molecule design for organic electronics</i>	Harald Ade NCSU <i>Rational Strategies to Stabilize the Morphology of Non-Fullerene Organic Solar Cells</i>	Jana Zaumseil U Heidelberg <i>Tuning Transport and Emission Properties of Polymer-Sorted Carbon Nanotube Networks</i>
14:30 - 14:50	Contr.	Guillaume Schweicher U Cambridge <i>Chasing the 'killer' phonon mode for the rational design of low disorder, high mobility molecular semiconductors</i>	Julien Gorenflot KAUST <i>Charge dissociation at organic heterojunctions: interface roughness versus ultrafast delocalization</i>	Giovanni Ligorio HU Berlin <i>Modular sensor platform based on electrolyte-gated organic field-effect transistor from biomolecules (glucose and urea) to nitroaromatic explosive (DNT, TNT) detection</i>
14:50 - 15:10	Contr.	Michael Wolf U British Columbia <i>Photofunctional sulfur-bridged oligomers and polymers</i>	Mats Andersson Flinders U <i>Morphology and transition temperatures of conjugated polymer blends for solar cells</i>	Yuli Huang NU Singapore <i>Selective self-assembly of 2,3-diaminophenazine molecules on MoSe₂ mirror twin boundaries</i>
15:10 - 15:30	Contr.	Toshiki Higashino AIST <i>Development of Layered-Crystalline BBBT-based Organic Semiconductor Materials with Long Alkyl Chain</i>	Gitti Frey Technion <i>Microscopy Imaging and 3D-tomography of organic solar cell bulk heterojunction</i>	Bert Nickel LMU <i>Organic semiconductor film transfer for 3D/2D hybrid devices</i>
15:30 - 16:00		Coffee Break		
Session Chairs:		Stefan Hecht	Charlotte Gers-Panther/ Katharina Franke	Emil List-Kratochvil
16:00 - 16:30	Inv.	Paolo Samori Strasbourg U <i>Taming complexity in polymer opto-electronics: tailoring multifunctional devices and chemical sensors</i>	Marcel Mayor (Wiley Lecture) U Basel <i>Chiral Carbon Architectures</i>	Joseph Shinar Iowa State U <i>Nature of Photogenerated Defects in Bulk Heterojunction OPVs</i>
16:30 - 16:50	Contr.	Yanli Tang Shaanxi Normal U <i>Functional Conjugated Polymers-Based Biosensors and Bioanalysis</i>	Austin Jones Georgia Tech <i>Investigating Acceptor Gradient Polymer Donors for Non-fullerene Organic Solar Cells</i>	Claudia Tait FU Berlin <i>Insights into p-doping of P3HT by Electron Paramagnetic Resonance</i>
16:50 - 17:10	Contr.	Wojciech Pisula Lodz U <i>Interfacial Film Morphology in Ultrathin Organic Field-Effect Transistors</i>	Jaume Veciana ICMAB <i>Electronic transport through organic spin-containing molecules and their use for manipulating electronic properties of surfaces</i>	Ellen Moons Karlstad U <i>How does photo-oxidation of materials affect solar cell performance?</i>
17:10 - 17:30	Contr.	Deqing Zhang ICCAS <i>Optically tunable FETs with semiconducting conjugated polymers entailing azobenzene groups in the side chains</i>	Xiangnan Sun NCNST <i>Multipurpose Molecular Spintronic Device</i>	Linda Peteanu Carnegie Mellon U <i>Enhanced Photo-stability of Organic Molecules Through Plasmonic Effects</i>
17:30 - 17:50	Contr.	Fengjiao Zhang Chinese Academy of Science <i>Construction of Organic Thin-film Transistors for Multiple Sensing Applications</i>	Ferdinand Grozema Delft U <i>Quantum Interference Effects in Charge Transfer and Single Molecule Conductance</i>	Bernd Strehmel Niederrhein U <i>New NIR-LEDs, NIR Lasers with Line-Shaped Fokus and Functionalized Cyanines Facilitate Synthesis of Tailor Made Polymers and Their Use in Industry 4.0 Related Applications</i>
18:00	Departure Symposium Dinner			
from 19:00	Symposium Dinner			

		Friday		
		Wista Convention Center Bunsen-Hall	Wista Convention Center Einstein-Newton-Cabinet	Erwin-Schrödinger-Zentrum Conference Room 0'119
Session Chairs:		Paolo Samori	Xiaomin Xu	Bert Nickel
9:00 - 9:30	Inv.	Karl Leo TU Dresden <i>Conductivity of small-molecule organic semiconductors</i>	Sylke Blumstengel HU Berlin <i>Tuning opto-electronic properties of semiconductor surfaces with conjugated molecules</i>	Tomas Torres U Madrid <i>Subphthalocyanines and related compounds: Singular aromatic non-planar molecules</i>
9:30 - 9:50	Contr.	Kenichi Nakayama Osaka U <i>Carrier mobility measurement by MIS-CELIV method in hole-transport material for organic light-emitting diodes</i>	Yusuke Ishigaki Hokkaido U <i>Hyper covalent bond in highly strained hydrocarbon: an expandable C-C single bond with a bond length beyond 1.8 Å</i>	Akihiko Fujii Osaka U <i>Epitaxial growth and anisotropic properties of uniaxially oriented thin films utilizing polymorphic alkyl-substituted phthalocyanines</i>
9:50 - 10:10	Contr.	Ross Warren U Oxford <i>The Effect of Energy Levels on Doping processes in Organic Semiconductors</i>	Tatiana Martins Goiás U <i>Self-Assembled Phe-Phe Dipeptide Doped with Luminescent Compounds: Tunable Photophysical Characteristics</i>	Fengjiao Zhang U Illinois <i>Solution-Processed Nanoporous Organic Thin Film Transistors</i>
10:10 - 10:30	Contr.		Aikaterini Andreopoulou U Patras <i>Development of Hybrid Materials based on Organic Semiconductors and Carbon Nanostructures or Inorganic Nanoparticles</i>	Thomas Müller U Düsseldorf <i>Dithieno[1,4]thiazines and Bis[1]benzothieno[1,4]thiazines - Redox Activity, Luminescence Characteristics and Antiaromaticity of Novel Congeners of Phenothiazine</i>
10:30 - 11:00		Coffee Break		
Wista Convention Center Bunsen-Hall				
11:00 - 11:45	Plen.	Alberto Salleo Stanford U <i>A polymer synapse for low-power neuromorphic computing</i> Session Chair: Norbert Koch/ Stefan Hecht		
11:45 - 12:30	Plen.	Seth Marder Georgia Tech <i>Development of Redox Dopants for Organic Semiconductors and Interface Modification</i> Session Chair: Norbert Koch/ Stefan Hecht		
12:30		Farewell		
13:30 - 15:00		Guided tour Synchrotron Bessy II (Helmholtz-Zentrum Berlin)		