



HZB Helmholtz
Zentrum Berlin

14th International Symposium on **Functional π -Electron Systems**

2nd - 7th June 2019
Campus Adlershof | Berlin | Germany
www.fpi14.de

Program & General Information



We would like to thank the following sponsors for their generous support!



Welcome!



Dear Participants of the F π 14 Symposium,

It is our great pleasure to welcome you to the 14th International Symposium on Functional π -Electron Systems (F π 14) here in Berlin-Adlershof! We are honored and proud to continue with F π 14 a very successful tradition that started 30 years ago in Japan. What once began as the “International Symposium on Functional Dyes” in Osaka was renamed “International Symposium on Functional π -Electron Systems” in 2002 to expand the scope of the conference and to adjust to developments in academic and industrial research. Today, the F π symposia are among the most important and influential international symposia in the diverse areas of π -electron systems research.

The F π 14 Symposium in Berlin aims to bring together international leading experts in the field of π -electron systems, to highlight their most recent results and to discuss future trends. Simultaneously, F π 14 is intended to provide a platform for young scientists and their research and to give them an opportunity to network and promote future cooperation in the international research landscape.

For these reasons, we have invited more than 150 high-ranking and internationally renowned scientists, who will give scientific lectures. Furthermore, more than 300 poster presentations from young, international top scientists await you. The main topics of this year’s symposium are:

- design and synthesis of new π -conjugated molecules and polymers
- organic and polymeric semiconducting materials for thin film transistors
- organic and polymeric photovoltaic and photo-responsive materials and devices
- organic light-emitting materials for display and lighting application
- hybrid and perovskite materials and devices
- conjugated polymers
- oligomers in chemo/bio-sensors and bioelectronics.

Berlin-Adlershof is the ideal venue for the F π 14 Symposium. At Germany’s largest science and technology park, you will not only find the Humboldt-Universität’s Departments of Physics, Chemistry, Mathematics, Computer Science, Geography, and Psychology, but also many non-university research institutes and high-technology companies in the fields of photonics, materials research and models, which enable cutting-edge research here in Adlershof.

We would like to thank all participants, colleagues, and sponsors for their great support at this event. We are looking forward to an exciting week in Berlin and wish all participants of the 14th International Symposium on Functional π -Electron Systems informative, inspiring, and productive scientific and non-scientific discussions. We are looking forward to meeting you!

Norbert Koch & Stefan Hecht

General Information



Fπ14 Staff

Please do not hesitate to ask the Fπ14 staff, recognizable by their green t-shirts with the Fπ14 logo, for help at any time.



Venues

The Fπ14 Symposium will take place here:

WISTA conventions Center
Bunsen-Hall | Einstein/Newton-Cabinet
Entrance: Volmerstraße 2
12489 Berlin

Erwin-Schrödinger-Zentrum
Humboldt-Universität zu Berlin
Conference Room 0'119
Rudower Chaussee 26
12489 Berlin



Registration Desk

The registration desk will be located in the foyer in front of the Bunsen-Hall of the WISTA conventions Center (entrance: Volmerstraße 2, 12489 Berlin). The registration desk will be open during the following times:

Sunday: 17:30 - 20:00
Monday, Tuesday & Thursday: 08:00 - 18:00
Wednesday: 08:00 - 14:00
Friday: 08:00 - 14:00
Conference phone number: 0151 108 696 25



Name Badge

Participants of the Fπ14 Symposium will receive their name badge at the registration desk. You are kindly asked to wear your name badge during all events of the Fπ14 Symposium, including all scientific sessions and all social events. Lost name badges will be replaced at the registration desk upon presentation of a proof of registration and an identity card.



Wi-Fi Access

During the $\text{F}\pi\text{14}$ Symposium, all participants will be provided with free access to the Internet.

For the Wi-Fi in the WISTA conventions Center please select the network “FPI14” and use the password “Berlin2019”.

In the Erwin-Schrödinger-Zentrum you will have access to the WiFi via the eduroam infrastructure of the Humboldt-Universität zu Berlin. If your home institution takes part in the eduroam project, you will be able to log in with your eduroam account. In case you do not have an eduroam account, you will receive a guest account for accessing the WiFi of the Erwin-Schrödinger-Zentrum at the registration desk.



Photographs

Please note that we will take photos during the $\text{F}\pi\text{14}$ Symposium. By visiting this event you agree with the photos being published on the $\text{F}\pi\text{14}$ homepage. You may revoke this permission by informing our colleagues during registration.



Disclaimer

Neither the organizer of the $\text{F}\pi\text{14}$ Symposium nor the conference site is responsible for the security of any personal equipment during the meeting.

Scientific Program



Scientific Lectures

The scientific lectures will be held in the Bunsen-Hall and the Einstein/Newton-Cabinet of the WISTA conventions Center and in the conference room 0'119 of the Erwin-Schrödinger-Zentrum. These two conference venues are within short walking distance. The entrance to the WISTA conventions Center is located on Volmerstraße 2, 12489 Berlin. The Erwin-Schrödinger-Zentrum is located on Rudower Chausee 26, 12489 Berlin.



The book of abstracts for the oral presentations can be downloaded here:

www.fpi14.de



Remarks to the speakers:

All lecture halls will be fully equipped with a Windows notebook, projector, a presenter and adapters for HDMI and VGA ports for Microsoft and Apple devices. Two technical assistants will be present in all lecture halls at all times to help you set up your presentation. We kindly ask you to bring your presentation as a PowerPoint or PDF file on an USB flash drive. Please hand the USB flash drive to the technical assistants, recognizable by their green t-shirts, 15 minutes prior the session.

Speaking time including discussion is assigned as follows:

Plenary lectures:	45 min
Invited lectures:	30 min
Contributed lectures:	20 min

The session chairs are asked to give you a visual signal when your time is running out.



Certificate of Participation

You can pick up your certificate of participation at the registration desk at any time.



Poster Sessions

The poster sessions will take place on Monday, June 3rd, and Tuesday, June 4th, in the Hangar Adlershof, which is located on Ludwig-Boltzmann-Straße 1, 12489 Berlin, in walking distance to the lecture venues (10 min walk). On both days, the poster session will start at 18:30.



The book of abstracts for the poster presentations can be downloaded here:

www.fpi14.de



Remarks to the poster presenters:

Please bring your posters to the poster venue. The required poster size is 120 cm high and 90 cm wide (upright, format A0). Pins for mounting the posters will be provided at the poster venue. We ask for your understanding that printing services cannot be offered on site.

The poster presentations are sorted alphabetically by surname into two groups. On Monday, June 3rd, the posters from A to L will be displayed and on Tuesday, June 4th, the posters from M to Z will be displayed. The posters are numbered and assigned to a specific poster board. Please refer to pp. 14-23 to check on which day you present your poster and which board it is assigned to. The list will also be displayed on our website and at the Hangar Adlershof.

On the respective day, you can set up your poster starting from 17:30. The removal of your poster directly after your poster session will be highly appreciated.

We will provide food and drinks. The prizes for the best posters will be awarded by a poster jury during the farewell on Friday, June 7th, at 12:30 in the Bunsen-Hall of the WISTA conventions Center.

Program



The detailed program of the $F\pi 14$ Symposium can be downloaded here:

www.fpi14.de/schedule



	Sunday, June 2nd Wista Convention Center Bunsen Hall
18:00	get-together





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



		Tuesday Wita Convention Center Bureau Hall			
9:00 - 9:45	Plan.	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	Plan.	He Henry Yan Hong Kong U <i>Achieving non-fullerene organic solar cells with over 26% efficiency: material design, device optimization and mechanism study</i> Session Chair: Norbert Koch			
		Wita Convention Center Bureau Hall		Wita Convention Center Einstein-Newton-Cabinet	Erwin-Schrödinger-Zentrum Conference Room 0'119
10:30 - 11:00		Breakfast		Coffee Break	
	Speaker/Chair	Matthias Bauer	Lara Deyhle	Public/Invited	
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>	Satoshi Kera NIMS <i>Evolution of π orbital state upon assembling the molecules on the surface</i>	
11:30 - 11:50	Contr.	Hon Young Woo Korea U <i>Agarose-processed organic photovoltaic materials and devices</i>	Mihaela Stefan UT Dallas <i>Thienopyrrole organic semiconductors for organic field effect transistors (OFETs)</i>	Jianxin Tang Soochow U <i>Efficient CuPbS₂ Perovskite Light-Emitting Diodes Enabled by Synergistic Device Architecture</i>	
11:50 - 12:30	Contr.	Christoph Wien Helmholtz U <i>Probing Geometry-Driven Organic Solar Cells with Over 20% Efficiency</i>	Brigitte Holzer TU Vienna <i>Mixed Sulfur/Selenium Fused π-Conjugated Materials for Organic Field-Effect Transistors</i>	Yasuo Nakayama Tokyo U <i>Valence band dispersion of epitaxial perfluoropentacene on pentacene single crystals</i>	
12:30 - 12:30	Contr.	Alexander Kuehn 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>	Anirudh Sharma U Bordeaux <i>Tuning the Interfacial Electronic Properties for High-Performance Perovskite Solar Cells</i>	
12:30 - 14:00		Lunch			
	Speaker/Chair	Ian McCulloch		Howard Ligato	
14:00 - 14:30	Inv.	Christian Luscombe U Washington <i>Photophysical Evidence on novel organic bulk and electronic conductors</i>	Jianbin Xu CU Hong Kong <i>Adventure of Electroactive/Photoactive Organic Thin Films on Flatland</i>	Zhigang Shuai Tsinghua U <i>Modeling electronic processes in organic materials: organic phosphorescence and organic thermoelectrics</i>	
14:30 - 14:50	Contr.	Ferdinand U Constanza <i>Defective covalent bonding of organic photovoltaic materials</i>	Jose Segura U Madrid <i>Development of Novel Covalent Organic Frameworks</i>	Nobuyuki Matsumura Panasonic Corp. <i>Massive theoretical design of hole conducting organic materials by using cloud computing environment</i>	
14:50 - 15:30	Contr.	Arno Behrlein Georgia Tech <i>Overlapping Redox Potentials and Gradients in Stable Conjugated Polymers for Electrochemical and Photovoltaic Applications</i>	Benlin Hu MPI Mainz <i>The 2D and 3D extension of long pyrene-fused N-heteroarenes</i>	Przemyslaw Data Silesian U <i>Thermally Activated Delayed Fluorescence vs Room Temperature Phosphorescence how to control opposite processes in the same molecule and use in OLEDs</i>	
15:30 - 15:30	Contr.	Arno Behrlein U Warwick <i>Absorbance and sequence of conjugated polymers revealed by high-resolution scanning probe microscopy</i>	Elena Mena-Osteritz Ulm U <i>Thiophene-based 3,N-Heteroarenes: Electronic Properties and X-Ray Structure Analysis</i>	Patrick Serafini PU Milan <i>Molecular modeling of hybrid sp-sp² carbon-based nanostructures: structural, electronic and vibrational properties</i>	
15:30 - 16:00		Coffee Break			
	Speaker/Chair	Ferdinand		Jaroslav	
16:00 - 16:30	Inv.	Wenbo Cao Peking U <i>Sun-Driven 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>	Satish A. Patil IITC <i>Exceeding Shockley-Queisser Limit with Singlet Fission</i>	
16:30 - 16:50	Contr.	Takashi Mori TI Padri <i>Transfer of charge transfer complexes</i>	Itaru Osaka Hiroshima U <i>Efficient "Sensitized" Ternary Polymer Solar Cells with Small Photon Energy Loss</i>	David Jones U Melbourne <i>Liquid crystallinity as a self-assembly motif for solid state singlet fission materials</i>	
16:50 - 17:10	Contr.	Marie Hübner-Toront ICM2 <i>Fabrication of reproducible and reliable organic thin-film transistors by selective etching employing novel organic semiconductors</i>	Gjergji Sini U of Cergy-Pontoise <i>Charge Separation in Organic Solar Cells: Energy Bending versus Energy Disorder</i>	David Ralis IMC <i>Singlet fission phenomenon: quantifying "dark" triplet states in organic semiconductors</i>	
17:10 - 17:30	Contr.	Tianfeng Qiu ICM2 <i>Conductivity photoconductors based on organic thin-film transistors</i>	Giulia Grancini EPFL <i>2D/3D Hybrid Perovskite Interfaces and Physics therein for Stable and Efficient Solar Cells</i>	Roslyn MacQueen HZB <i>Hybrid lead halide perovskite as a non-excitonic triplet sensitizer for triplet fission upconversion</i>	
17:30 - 17:50	Contr.	Pandolfi/Strassburg FOM Helmholtz <i>Photocatalytic degradation of organic electrochemical devices</i>	Laurence Lutsen Hasselt U <i>Towards 3D Layered Hybrid Perovskites With Enhanced Functionality</i>	Isaac Alcon DTU <i>Spatial control of electrical currents in nano-porous graphene by chemical engineering</i>	
from 18:30		Poster Session			

		Wednesday			
		Wista Convention Center Bureau Hall			
		George Malliaras U Cambridge Interfacing with the Brain Using Organic Electronics Session Chair: N.N.			
		Lynn Lee Princeton U Understanding how hierarchical structure impacts charge transport in molecular and polymeric semiconductors Session Chair: N.N.			
		Wista Convention Center Bureau Hall		Wista Convention Center Einstein-Newton-Cabinet	
		Coffee Break			
10:30 - 11:00		Ewald-Schrödinger-Zentrum Conference Room 0'119			
		Steven Chazotte	Peter Blawie	Rama Nara-Delavik	Seetha Pillai
9:00 - 9:45	Plan.				
9:45 - 10:30	Plan.				
11:00 - 11:30	Inv.	Shihua Wu TU Braunschweig Bottom-up synthesis: getting more out of an already well-established routing method for organic thin-film effect transistors	Shigehiro Yamaguchi Nagoya U Multi-group-containing π-electron materials with structural constraint	Anna Köhler U Bayreuth What is the binding energy of a charge transfer state in an organic solar cell?	
11:30 - 11:50/ 12:00	Inv. Contr.	Wenxin Wang (invited - 10 min.) U Erlangen-Nürnberg The impact of the aryl ether structure of π-plane self-assembled π-systems on their 2D-molecular order and charge transport properties	Michael Mastalerz (contr. - 20 min.) U Heidelberg From Simple Anthracene to Structurally Defined Perylene- and Coroneone Nanoribbons	Fengling Zhang (contr. - 20 min.) Linköping U On Mechanism of hole transfer in Non-fullerene (NF) Organic Solar Cells	
11:50/ 12:00 - 12:30	Contr.	Xuediao Cai Shaanxi Normal U Preparation of fused heterocyclic conjugated polymers by multicomponent one-pot polymerization	Aurelio Mateo-Alonso POLYMAT Synthesis of giant monodisperse n-doped nanographenes	Safa Shoaib U Potsdam Decoding Charge Recombination Through Charge Generation	
12:00/ 12:30 - 12:45	Contr.	Tobias He Osnabrück U Development of Organic Photoconductive Copolymer Photo-Redoxed Electron-Accepting Units for Organic Photoelectrodes	Christoph Lambert U Würzburg Changing optical properties stepwise from oligomeric to polymeric squaraine dyes	Yang Wang TPIC Experimental Evidence for "Hot Exciton" Thermally Activated Delayed Fluorescence Emitters	
12:30 - 14:30		Lunch			
from 14:30		Social Events (Berlin City Tour, Guided Tour of Campus Adlershof)			



		Thursday			
		Wala Convention Center Borsen Hall			
		Jean-Luc Brasdas (Thieme Lecture)			
		Georgia Tech			
		Emergence of high charge-carrier mobilities and magnetic properties			
		Session Chair: Michael Mastalerz			
		Luisa Torsi			
		U Bari			
		Single-molecule label-free large-area bioelectronic sensing of clinical biomarkers			
		Session Chair: Claudia Drach			
		Wala Convention Center Borsen Hall		Wala Convention Center Einstein-Newton-Cabinet	
		Coffee Break			
10:20 - 11:00		Erwin-Schrödinger-Zentrum Conference Room 0'119			
11:00 - 11:30		Coffee Break			
11:00 - 11:30		Coffee Break			
11:30 - 11:50 / 12:00		Coffee Break			
11:50 - 12:00 / 12:00 - 12:20		Coffee Break			
12:20 - 12:40		Coffee Break			
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17:00 - 17:20		Coffee Break			
17:20 - 17:40		Coffee Break			
17:40 - 18:00		Coffee Break			
18:00		Desserts Symposium Dinner			
from 19:00		Symposium Dinner			
9:00 - 9:45	Plan.	<p>Thursday Wala Convention Center Borsen Hall</p> <p>Jean-Luc Brasdas (Thieme Lecture) Georgia Tech Emergence of high charge-carrier mobilities and magnetic properties Session Chair: Michael Mastalerz</p> <p>Luisa Torsi U Bari Single-molecule label-free large-area bioelectronic sensing of clinical biomarkers Session Chair: Claudia Drach</p>			
10:20 - 11:00		Wala Convention Center Borsen Hall	Wala Convention Center Einstein-Newton-Cabinet	Erwin-Schrödinger-Zentrum Conference Room 0'119	
11:00 - 11:30	Inv.	John Reynolds Georgia Tech Fade to Black: Color Control in Electrochromic Polymers	Ming Lee Tang U California Energy conversion with synergistic combinations of organic and quantum dots	David Bejonne U Mons Modeling charge transport and recombination in conjugated polymer heterojunctions	Robin Zijler
11:30 - 11:50 / 12:00	Inv.	Seth Rosenzweig (contr. - 20 min.) North Dakota State U Heteroatom-Coupled Frameworks as a New Design Paradigm in Low Bandgap Polymers	Hen Albrecht (contr. - 20 min.) Kyushu U Thermally-Activated Delayed-Fluorescence Emitters that Realize OLEDs with Fully Solution-Processed Organic Layers	Oliver Hofmann (invited-30 min.) Graz U Charge transfer beyond the first monolayer: Fact or Fiction?	
11:50 - 12:00 / 12:00 - 12:20	Contr.	Wenyan Chen Peking U Fluorescence-Driven Conjugated Polymers Based on Phthalocyanine Complexes	Shigeyuki Yagi Osaka U Phosphorescent organometallic emitters for non-doped organic light-emitting diodes	Yuanping Yi ICCS Theoretical Study of the Energy Loss Mechanisms for Organic Photovoltaics	
12:20 - 12:40	Contr.	Ulrich Scherf U Wuppertal Cyclic Polymers made of Perfluorinated Building Blocks Based on Cyclic Sulfone Derivatives	Haiming Zhang Soochow U In-Surface Synthesis of 8- and 10-Armchair Graphene Nanoribbons	Feng He SUSTech Chlorination: A Facile Method for Efficient Solar Conversion	
12:40 - 13:00		Lunch			
13:00 - 13:20		John Reynolds		Seth Rosenzweig	
13:20 - 13:40		John Reynolds		Seth Rosenzweig	
13:40 - 14:00		John Reynolds		Seth Rosenzweig	
14:00 - 14:20	Inv.	John Anthony U Waterloo Rational molecule design for organic electronics	Harald Ade NCSU Rational Strategies to Stabilize the Morphology of Non-Fullerene Organic Solar Cells	Jana Zausnig U Fribourg Tuning Transport and Emission Properties of Polymer-Sorted Carbon Nanotube Networks	
14:20 - 14:40	Contr.	Silke Schneider U Cambridge Chasing the "SERS" phenomenon for the rational design of low-overlayer, high-analyte-molecule-sensitivity biosensors	Julien Gorenflo KAUST Charge dissociation at organic heterojunctions: interface roughness versus ultrafast delocalization	Giovanni Ligozio HU Berlin Modular sensor platform based on electrolyte-gated organic field-effect transistor from biomolecules (glucose and urea) to nitroaromatic explosive (DMT, TNT) detection	
14:40 - 15:00	Contr.	Michael Wolf U British Columbia Photoinduced radical-induced oligomers and polymers	Mats Andersson Fibers U Morphology and transition temperatures of conjugated polymer blends for solar cells	Yuli Huang NUS Singapore Selective self-assembly of 2,3-diaminophenazine molecules on MoSe ₂ mirror twin boundaries	
15:00 - 15:20	Contr.	Yoshimi Higashino AIST Development of Layers of Crystalline ZrO ₂ -Based Organic Semiconductor Materials with Long-Ring Gaps	Gilbert Frey Technion Microscopy Imaging and 3D-tomography of organic solar cell bulk heterojunction	Bert Mickel LMU Organic semiconductor film transfer for 3D/2D hybrid devices	
15:20 - 15:40		Coffee Break			
15:40 - 16:00		Stefan Hecht		Charlotte Gove-Parsons / Kathleen Parrott	
16:00 - 16:20	Inv.	Pascal Pommerehne Stuttgart U Flaming conjugated polymer optoelectronic catalytic multifunctional devices and chemical sensors	Marcel Mayor (Wiley Lecture) U Basel Chiral Carbon Architectures	Joseph Shinar Iowa State U Nature of Photogenerated Defects in Bulk Heterojunction OPVs	
16:20 - 16:40	Contr.	Toni Tong Harvard Medical U Functional Conjugated Polymer-Coated Biomers and Biomaterials	Austin Jones Georgia Tech Investigating Acceptor Gradient Polymer Donors for Non-Fullerene Organic Solar Cells	Claudia Talt FU Berlin Insights into p-doping of P3HT by Electron Paramagnetic Resonance	
16:40 - 17:00	Contr.	Wolfgang Pfend Leeds U Molecular Film Morphology in Chlorinated Organic Photodiode Transistors	Jaume Veciana ICMAB Electronic transport through organic spin-containing molecules and their use for manipulating electronic properties of surfaces	Ellen Moons Karlsruhe U How does photo-oxidation of materials affect solar cell performance?	
17:00 - 17:20	Contr.	Dongming Zhang NCSU Optically tunable PCTs with semi-conducting conjugated polymers emitting carbonyl groups in the photo cycle	Xiangnan Sun NCSU Multipurpose Molecular Spintronic Device	Linda Peteanu Carnegie Mellon U Enhanced Photo-stability of Organic Molecules Through Plasmonic Effects	
17:20 - 17:40	Contr.	Fengjie Zheng Chinese Academy of Sciences Construction of Organic Thin-Film Transistors for Multiple Sensing Applications	Ferdinand Grossmann DeR U Quantum Interference Effects in Charge Transfer and Single Molecule Conductance	Bernd Strehmel Niederrhein U New NIR-LEDs, NIR Lasers with Line-Shaped Focus and Functionalized Cyanines Facilitate Synthesis of Tailor-Made Polymers and Their Use in Industry 4.0 Related Applications	
18:00		Desserts Symposium Dinner			
from 19:00		Symposium Dinner			

		Friday			
Session Chairs:		Wista Convention Center Bunsen-Hall	Wista Convention Center Einstein-Newton-Cabinet	Erwin-Schrödinger-Zentrum Conference Room 0'119	
		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 Goias 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.	James Ponder Imperial College <i>Electrical and Thermal Transport Properties of Chalcogenophene Copolymers: Exploring the Effects of Monomers and Dimers from Furan to Tellurophene</i>	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 synopsis 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)			

Poster Session I Monday, June 3rd

poster number	presenter last name	presenter first name	presenter affiliation
1	Adamczak	Desiree	Technische Universität Chemnitz
2	Ahrens	Lukas	Ruprecht-Karls-Universität Heidelberg
3	Aivali	Stefania	University of Patras
4	Ajdari	Mohsen	Ruprecht-Karls-Universität Heidelberg
5	Amsalem	Patrick	Humboldt-Universität zu Berlin
6	Andreu	Raquel	Universidad de Zaragoza
7	Andrienko	Denis	Max Planck Institute for Polymer Research
8	Arunagiri	Lingeswaran	Hong Kong University of Science and Technology
9	Arvind	Malavika	Universität Potsdam
10	Asadi	Kamal	Max-Planck Institute for Polymer Research
11	Bahr	Joshua	Rheinische Friedrich-Wilhelms-Universität Bonn
12	Banevičius	Dovydas	Vilnius University
13	Baronas	Paulius	Vilnius University
14	Beck	Christian	University Bayreuth
15	Benjamin	Helen	University of Edinburgh
16	Benten	Hiroaki	Nara Institute of Science and Technology
17	Berton	Nicolas	Université de Tours
18	Blesa	María J.	Universidad de Zaragoza
19	Borshchev	Oleg	Enikolopov Institute of Synthetic Polymeric Materials
20	Bucinskas	Audrius	Kaunas University of Technology
21	Bui	Thanh-Tuan	University of Cergy-Pontoise
22	Bui	Thanh-Tuan	University of Cergy-Pontoise
23	Calascibetta	Adiel	University of Milano-Bicocca
24	Cann	Jonathan	University of Calgary
25	Cann	Jonathan	University of Calgary
26	Castet	Frédéric	Université Bordeaux
27	Casutt	Manuela	Ruprecht-Karls-Universität Heidelberg
28	Ceriani	Chiara	University of Milano-Bicocca
29	Chan	Christopher	Hong Kong University of Science and Technology
30	Chao	Pengjie	Southern University of Science and Technology
31	Chaudhuri	Debansu	Indian Institute of Science Education and Research Kolkata
32	Chen	Jingde	Soochow University
33	Chen	Yulan	Tianjin University

34	Chen	Yuzhong	Hong Kong University of Science and Technology
35	Cheon	Hyung-jin	Gyeongsang National University
36	Cieplechowicz	Edward	University of Calgary
37	Cigánek	Martin	Brno University of Technology
38	Cimò	Simone	Politecnico di Milano
39	Cocchi	Caterina	Humboldt-Universität zu Berlin
40	Cojal Gonzalez	Jose D.	Humboldt-Universität zu Berlin
41	Colchero	Jaime	Universidad de Murcia
42	Comin	Massimiliano	Grenoble Alpes University
43	D'Avino	Gabriele	Institut Néel CNRS
44	Dagar	Janardan	Helmholtz-Zentrum Berlin für Materialien und Energie GmbH
45	Dahlström	Staffan	Åbo Akademi University
46	Dai	Jie	Soochow University
47	Davidson	Ross	Durham University
48	de Melo	Celso	Universidade Federal de Pernambuco
49	Dekkiche	Hervé	Durham University
50	del Pino Rosendo	Esther	Max Planck Institute for Polymer Research
51	Delabie	Jonas	Katholieke Universiteit Leuven
52	Detert	Heiner	Johannes Gutenberg-Universität Mainz
53	Devaux	Félix	Université Libre de Bruxelles
54	Dombrowski	Pierre-Martin	Philipps-Universität Marburg
55	Dong	Chuan-Ding	Paderborn University
56	Eichhorn	S. Holger	University of Windsor
57	Ewertowski	Simon	University of Cologne
58	Francis	Haydn	University of Cambridge
59	Fratini	Simone	Institut Néel CNRS
60	Gao	Deqing	Nanjing Tech University
61	Gapin	Adèle	IPREM CNRS-UMR 5254 UPPA
62	Garai	Rabindranath	Indian Institute of Technology Guwahati
63	Geffroy	Camille	University of Bordeaux
64	Getreuer	Paul	Technische Universität Wien
65	Giraud	Lauriane	Université de Bordeaux
66	Glasser	Alizée	Université de Bordeaux
67	Glatzel	Thilo	University of Basel
68	Göttler	Andreas	Universität Tübingen
69	Graf	Lukas	Leibniz-Institut für Festkörper- und Werkstoffforschung Dresden
70	Graf	Robert	Max Planck Institute for Polymer Research
71	Grozema	Ferdinand	Technische Universiteit Delft

72	Gudeika	Dalius	Kaunas University of Technology
73	Guerrini	Michele	Humboldt-Universität zu Berlin
74	Ha	Yeon Hee	Gyeongsang National University
75	Hagara	Jakub	Slovak Academu of Sciences
76	Halda Ribeiro	Anielen	Max Planck Institute for Polymer Research
77	Halls	Mathew	Schrödinger Inc.
78	Hänisch	Christian	Technische Universität Dresden
79	Hansmann	Anna-Katharina	Philipps-Universität Marburg
81	Hassanpouramiri	Morteza	Max Planck Institute for Polymer Research
82	Hayashi	Yuichiro	Osaka Prefecture University
83	Hayashi	Yuki	Hokkaido University
84	Hecht	Markus	Julius-Maximilians-Universität Würzburg
85	Hempe	Matthias	Durham University
86	Herman	Katherine	Humboldt-Universität zu Berlin
87	Hermerschmidt	Felix	Humboldt-Universität zu Berlin
88	Hinaut	Antoine	University of Basel
90	Hong	Seunggyun	Kyonggi University
91	Horkel	Ernst	Technische Universität Wien
92	Huang	Jieyang	Humboldt-Universität zu Berlin
93	Imbrasas	Paulius	Technische Universität Dresden
94	Intorp	Sebastian	Universität Heidelberg
95	Ito	Shunichiro	Kyoto University
96	Jager	Wolter	Technische Universiteit Delft
97	Janasz	Lukasz	Lodz University of Technology
98	Jančík Procházková	Anna	Johannes Kepler University Linz
99	Jeong	Ji-Eun	Korea University
100	Jester	Stefan-Sven	University of Bonn
101	Jha	Ajay	Max Planck Institute for the Structure and Dynamics of Matter
102	Jiang	Kui	Hong Kong University of Science and Technology
104	Jiao	Xuechen	Australian Synchrotron
105	Jouclas	Rémy	ULB LCP
106	Jursenas	Saulius	Vilnius University
107	Kader	Thomas	Technische Universität Wien
108	Kaienburg	Pascal	University of Oxford
109	Kamatham	Narayanaswamy	Université de Strasbourg
110	Kazlauskas	Karolis	Vilnius University
111	Keller	Tristan	Rheinische Friedrich-Wilhelms-Universität Bonn

112	Kendrick	William	University of Oxford
113	Kersten	Maximilian	Rheinische Friedrich-Wilhelms-Universität Bonn
114	Keruckiene	Rasa	Kaunas University of Technology
115	Khodabakhshi	Elham	Max Planck Institute for Polymer Research
116	Kim	Myeong-Jong	Gyeongsang National University
117	Kim	Soyeon	Korea Institute of Materials Science
118	Kirstein	Stefan	Humboldt-Universität zu Berlin
119	Kiyota	Yasuhiro	Tokyo Institute of Technology
120	Koenig	Josh	University of Calgary
121	Kolarevic	Tamara	University of Ulm
122	Komskis	Regimantas	Vilnius University
123	Kosco	Jan	KAUST KSC
124	Kotera	Hideto	Osaka Prefecture University
125	Krajčovič	Jozef	Brno University of Technology
126	Kreuzer	Franziska	University of Ulm
127	Krishnamoorthy	Kothandam	CSIR-National Chemical Laboratory Polymer Science and Engineering
128	Kuhr	Robert	Leibniz Institut für Festkörper- und Werkstoff-forschung Dresden
129	Kuila	Suman	Jawaharlal Nehru Center for Advanced Scientific Research
130	Kukhta	Nadzeya	Durham University Chemistry
131	Kulkarni	Ranjit	Humboldt-Universität zu Berlin
132	Kulszewicz-Bajer	Irena	Warsaw University of Technology
133	Kumar	Manasvi	Max Planck Institute for Polymer Research
134	Kuno	Atsuko	Ritsumeikan University
135	Lee	Jaemin	Korea Research Institute of Chemical Technology
136	Leventis	Anastasia	University of Cambridge
137	Li	Chenglong	Jilin University
138	Li	Chensen	Beijing University
139	Li	Rongjin	Tianjin University
140	Lieberth	Katharina	Max Planck Institute for Polymer Research
141	Lin	Chih-Hsiu	Academia Sinica Institute of Chemistry
142	Lin	Hu	Humboldt-Universität zu Berlin
143	Lin	Yeo-Sin	Academia Sinica Institute of Chemistry
144	Liraz	Dan	Technion Microelectronic & Nanoelectronic Centers
145	Liu	Junzhi	Technische Universität Dresden
146	Liu	Ping	South China University of Technology
147	Liu	Xianjie	Linköping University



148	Looser	Annika	University of Ulm
149	Lu	Kun	National Center for Nanoscience and Technology
150	Luňák	Stanislav	Brno University of Technology
151	Lungwitz	Dominique	Humboldt-Universität zu Berlin
152	Luponosov	Yuriy	Russian Academy of Sciences
153	Luszczynska	Beata	Lodz University of Technology
154	Vijayaraghavan	Ratheesh	Indian Institute of Science Education

Poster Session I Tuesday, June 4th

poster number	presenter last name	presenter first name	presenter affiliation
1	Macher	Sven	Fraunhofer Institute
2	Maeda	Takeshi	Osaka Prefecture University
3	Mahl	Magnus	Universität Würzburg
4	Mansour	Ahmed E.	Humboldt-Universität zu Berlin
5	Mantione	Daniele	Université de Bordeaux
6	Marszalek	Tomasz	Max Planck Institute for Polymer Research
7	Marszalek	Tomasz	Max Planck Institute for Polymer Research
8	Martin	Max	Friedrich-Alexander University
9	Maser	Wolfgang	Instituto de Carboquímica
10	Masimukku	Naveen	Kaunas University of Technology
11	Mathies	Florian	Helmholtz-Zentrum Berlin GmbH
12	Matta	Micaela	Northwestern University
13	Mattiello	Sara	University of Milano-Bicocca
14	McCarron	Liam	University of Glasgow
15	Meher	Niranjan	Indian Institute of Technology Guwahati
16	Meindl	Birgit	Technische Universität Wien
17	Meisel	Tino	Humboldt-Universität zu Berlin
18	Meng	Hong	Peking University Shenzhen
19	Michels	Jasper	Max Planck Institute for Polymer Research
20	Mikie	Tsubasa	Hiroshima University
21	Mishra	Shantanu	Swiss Federal Laboratories for Materials Science and Technology
22	Mońka	Michał	University of Gdansk
23	Moore	Gareth	University of Bern
24	Morvan	Marjorie	Laplace Light and Matter
25	Muccioli	Luca	University of Bologna
26	Munir	Rahim	Helmholtz-Zentrum Berlin GmbH
27	Murat	Yolande	Kiel University
28	Mutz	Niklas	Humboldt-Universität zu Berlin
29	Nagai	Atsushi	Technische Universiteit Delft
30	Nazari	Maryam	University of Calgary
31	Nguyen	Khoa	Humboldt University of Berlin
32	Niederhausen	Jens	Ohio University
33	Niu	Quan	Max Planck Institute for Polymer Research
34	O'Driscoll	Luke	Durham University

35	Olivier	Yoann	University of Mons
36	Olsen	Gunnar	Durham University
37	Opitz	Andreas	Humboldt-Universität zu Berlin
38	Padula	Daniele	University of Liverpool
39	Painelli	Anna	Parma University
40	Pan	Chengjun	Shenzhen University
41	Park	Haneun	Pukyong National University
42	Park	Kwang Hun	Gyeongsang National University
43	Park	Sujung	University of Ulsan
44	Pashazadeh	Ramin	Kaunas University of Technology
45	Pauk	Karel	University of Pardubice
46	Perdigon Toro	Lorena	University of Potsdam
47	Philipps	Kai	Max Planck Institute for Polymer Research
48	Pieczykolan	Michał	Polish Academy of Science
49	Pinkal	Daniel	Max Planck Institute for Polymer Research
50	Pittelli	Sandra	Georgia Tech Chemistry and Biochemistry
51	Poddar	Madhurima	Indian Institute of Technology
52	Poremba	Nikolaus	Technische Universität Wien
53	Poronik	Yevgen	Polish Academy of Sciences
54	Powers	Mitchell	Kent State University
55	Privitera	Alberto	University of Oxford
56	Prunet	Geoffrey	LCPO
57	Purdy	Michael	University of Cambridge
58	Pyatakov	Dmitry	Enikolopov Institute of Synthetic Polymer Materials
59	Qin	Leiqiang	Linköping University
60	Qu	Jianfei	Southern University of Science and Technology
61	Radford	Chase	University of Saskatchewan
62	Radiunas	Edvinas	Vilnius University
63	Ragan	Regina	UC Irvine Materials Science and Engineering
64	Raišys	Steponas	Vilnius University
65	Ralaiarisoa	Maryline	Humboldt-Universität zu Berlin
66	Ramanan	Charusheela	Max Planck Institute for Polymer Research
67	Rappich	Jörg	Helmholtz-Zentrum Berlin GmbH
68	Reddy	Manjunatha	University of California Santa Barbara
69	Rhim	Seon-Young	Humboldt-Universität zu Berlin
70	Ricciardulli	Antonio Gaetano	Max Planck Institute for Polymer Research
71	Richtár	Jan	Brno University of Technology
72	Rimmele	Martina	Technische Universität Wien

73	Rodella	Francesco	University of Bayreuth
74	Rodríguez-Martínez	Xabier	Institut de Ciència de Materials de Barcelona
75	Royakkers	Jeroen	University of Cambridge
76	Rybakiewicz	Renata	Cardinal Stefan Wyszyński University
77	Rybakiewicz	Renata	Cardinal Stefan Wyszyński University
78	Sakai	Mika	Nagoya University
79	Salzillo	Tommaso	Institut de Ciència de Materials de Barcelona
80	Sanzone	Alessandro	University of Milano-Bicocca
81	Sassi	Mauro	University of Milano-Bicocca
82	Sauve	Ethan	University of British Columbia
83	Scheunemann	Dorothea	Linköping University
84	Schmitt	Tanja	Ruprecht-Karls-Universität Heidelberg
85	Schultz	Thorsten	Humboldt-Universität zu Berlin
86	Seifrid	Martin	University of California Santa Barbara
87	Selyshchev	Oleksandr	Chemnitz University of Technology
88	Serdiuk	Illia	University of Gdansk
89	Serevičius	Tomas	Vilnius University
90	Shang	Ao	Hong Kong University of Science and Technology
91	Sharma	Lisa	University of Cambridge
92	Sharma	Rekha	Indian Institute of Technology Indore
93	Shi	Huifang	Nanjing Tech University
94	Shikler	Rafi	Ben Gurion University des Negev
95	Shimoi	Yukihiro	National Institute of Advanced Industrial Science and Technology
96	Shinohara	Akira	Shenzhen University
97	Singh	Saumya	University College London
98	Sivanesan	Vipilan	Universität Heidelberg
99	Skorotetcky	Maxim	Enikolopov Institute of Synthetic Polymer Materials
100	Solomeshch	Olga	Technion
101	Soto	German	The University of Edinburgh
102	Stadtmüller	Christian	Technische Universität Darmstadt
103	Sugiura	Shinya	Ritsumeikan University
104	Sung	Min Jae	GyeongSang National University
105	Sych	Galyna	Kaunas University of Technology
106	Szablewski	Marek	Durham University
107	Szymanski	Robin	University of Bordeaux
108	Takeda	Takashi	Tohoku University

109	Tan	Yuan-Zhi	Xiamen University
110	Tanaka	Hiroki	Ritsumeikan University
111	Tang	Bohan	Tsinghua University
112	Temiz	Cansel	Technische Universiteit Delft
113	Tintori	Francesco	University of Calgary
114	Tomkeviciene	Ausra	Kaunas University of Technology
115	Tripp	Matthias	Philipps-Universität Marburg
116	Tsuruta	Ryohei	Tokyo University of Science
117	Untilova	Viktoriia	Université de Strasbourg
118	Vala	Martin	Brno University of Technology
119	Valencia	Ana M.	Humboldt-Universität zu Berlin
120	Veldhuizen	Hugo	Technische Universiteit Delft
121	Villacampa	Belén	Universidad de Zaragoza
122	Villarroel	Ariana	Intitut Polytechnique de Bordeaux
124	Wagner	Wolfgang	Universität Würzburg
125	Wang	Qiankun	Humboldt-Universität zu Berlin
126	Wang	Rongbin	Humboldt-Universität zu Berlin
127	Wang	Yafei	Changzhou University
128	Ward	Jonathan	Durham University
129	Warrington	Stefan	University of Glasgow
130	Watanabe	Hiroyuki	Kyoto University
131	Weiter	Martin	Brno University
132	Wetzelaer	Gert-Jan	Max Planck Institute for Polymer Research
133	Wilken	Sebastian	Linköping University
134	Winkler	Christian	Graz University of Technology
135	Wiosna-Salyga	Gabriela	Lodz University of Technology
136	Wollmann	Julia	University Bayreuth
137	Wright	Iain	Loughborough University
138	Wu	Changqin	Fudan University
139	Xie	Linghai	Nanjing University
140	Xu	Kun	Center for Advancing Electronics Dresden
141	Xu	Zhen	University of British Columbia
142	Yabuuchi	Yuta	Osaka University
143	Yamada	Keitaro	Osaka University
144	Yang	Wenchao	Xinyang Normal University
145	Yang	Yuchong	Tsinghua University
146	Yao	Huatong	Hong Kong University of Science and Technology
147	Yasin	Ula	Freie Universität Berlin



148	Ye	Hanyang	University of Oxford
149	Yeh	Chen-Yu	National Chung Hsing University
150	Yuan	Jennifer	University of British Columbia
151	Yun	Changhun	Center for Nano-Photonics Convergence Technology Korea
152	Zenkevich	Eduard	National Technical University of Belarus
153	Zhang	Jianquan	Hong Kong University of Science and Technology
154	Zhang	Ke	Max Planck Institute for Polymer Research
155	Zhao	Qiaoqiao	Southern University of Science and Technology
156	Zhu	Qin-Yu	Soochow University
157	Zhu	Xiaozhang	Chinese Academy of Science
158	Zindy	Nicolas	Laval University
159	Zissimou	Georgia	University of Cyprus
160	Zorn Morales	Nicolas	Humboldt-Universität zu Berlin
161	Zu	Fengshuo	Humboldt-Universität zu Berlin

Social Program



Get-Together

The get-together will take place on Sunday, June 2nd, at 18:00 in the Bunsen-Hall of the WISTA conventions Center (entrance: Volmerstraße 2, 12489 Berlin). Enjoy typical Berlin delicacies and meet your colleagues! The registration desk will be open from 17:30.



Campus Adlershof Tour & Berlin City Tour

The Campus Adlershof tour and the Berlin city tour will take place on Wednesday, June 5th, at 14:30. Please keep in mind to bring your name badge as it contains your registration information.

The meeting point for the Berlin city tour will be the Forum Adlershof (Rudower Chaussee 24, 12489 Berlin). The busses will depart at 14:30 sharp, so we recommend all participants to be at the meeting point by 14:15 at the latest.

Meeting point for the Campus Adlershof tour will be the foyer in front of the Bunsen-Hall (WISTA conventions Center, entrance: Volmerstraße 2, 12489 Berlin). This tour will also start at 14:30 sharp, so we recommend all participants to be at the meeting point by 14:15 at the latest.

Both tours will take about 3.5 hours.



Guided Tour BESSY II (Helmholtz-Zentrum Berlin)

The guided tour of the Electron Storage Ring BESSY II will take place on Friday, June 7th, from 13:30 to 15:00. The meeting point for the tour will be the foyer in front of the Bunsen-Hall (WISTA conventions Center). We kindly ask you to sign up for the guided tour at the registration desk before Thursday, June 6th, at 17:30. We kindly ask for your understanding that the number of participants is limited to 100.



Conference Dinner

The conference dinner will take place on Thursday, June 6th, at 19:00 in the BOLLE Festsäle (Alt-Moabit 98, 10559 Berlin). We will offer a shuttle service to the venue, meeting point for the shuttle service to the conference dinner will be the Forum Adlershof (Rudower Chaussee 24, 12489 Berlin). We kindly ask you to be there in time as the shuttle service will depart at 18:00 sharp.

Please make sure that you bring your name badge with you, as it contains your conference dinner registration and your meal preferences. We kindly ask for your understanding that we have to check your badge when you board the bus.



The BOLLE Festsäle are among the most impressive venues in Berlin. Built in the slipstream of the industrial age, solemnly inaugurated in 1893 in the presence of the last German Empress Auguste Viktoria, the BOLLE Festsäle are characterized by the spirit of foundership and the grandeur of those days. Ceiling heights of up to eight metres, unrendered brick walls, high steel brace windows, cast-iron columns and a love of detail noticable in every corner of the listed building make them a prime example of Berlin's industrial architecture.



Meal Options

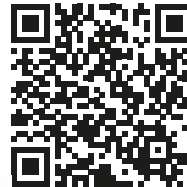


Lunch and Coffee Breaks

During the F π 14 Symposium there will be daily coffee and lunch breaks. During the lunch breaks, lunch packs containing regular, vegetarian or vegan bagels and fruit, and drinks will be served. Local delicacies will also be served during both poster sessions.

More Dining Options in Adlershof

In addition, Adlershof offers you a wide range of small restaurants, bistros, snack bars, and cafeterias.



AirLeben Adlershof

asian cuisine | buffet
7 - 9 €
Franz-Ehrlich-Straße 5
12489 Berlin

Azuma

asian cuisine | sushi
7 - 10 €
Rudower Chaussee 9
12489 Berlin

Bistro La Petite

plain cooking
6 - 8 €
Am Studio 20
12489 Berlin

Speisemanufaktur Adlershof

3 daily changing lunch options |
tarte flambée
7 - 10 €
Johann-Hittorf-Straße 8
12489 Berlin

Asia Sushi Bar

sushi
7 - 9 €
Rudower Chaussee 12a
12489 Berlin

Caffé Kamee

soup | pasta | baguette
6 - 8 €
Rudower Chaussee 25
12489 Berlin

Bistro Sonnenschein

also outdoor seats
5 - 8 €
Volmerstraße 7b
12489 Berlin

Bagel Company

3 daily changing meal options
pasta | bagels
6 - 8 €
Rudower Chaussee 13
12489 Berlin

Eat Green!

wraps | baked potatoes
6 - 8 €
Rudower Chaussee 5a
12489 Berlin

esswirtschaft

pasta | salat
6 - 8 €
Rudower Chaussee 24
12489 Berlin

Mani Mogo

korean cuisine
7 - 11 €
Erich-Thilo-Straße 3
12489 Berlin

DORINT Adlershof

business lunch
10 - 15 €
Rudower Chaussee 15
12489 Berlin

Esskultur Adlers-Hof

plain cooking
7 - 8 €
Volmerstraße 9
12489 Berlin

Gerdan's Café

soup | bagels | salads
5 - 6 €
Rudower Chaussee 26
12489 Berlin

Mr. Wu

asian cuisine | buffet
11 - 17 €
Am Studio 1
12489 Berlin

Subway

sandwiches
5 - 8 €
Rudower Chaussee 12
12489 Berlin



About Berlin and the Science Campus Adlershof



Berline at a Glance

Berlin is more than 780 years old and all generations have left their traces, monuments and landmarks in the city. During the city tour on Wednesday you will learn a lot about Berlin's multifaceted history and if you would like to discover even more, here are some recommendations:



Not a lot of time? Hop on the public bus line 100!

If you do not have that much time or it is raining, a ride on the bus line 100 is a good idea, as this bus line takes you past a big number of Berlin's significant sights. If you already have a valid ticket, just hop on and enjoy the view. The bus line starts at Alexanderplatz (Memhardstraße), home to the Rotes Rathaus, the town hall of Berlin, and the TV tower, Berlin's most famous landmark and the tallest man-made structure in Germany. The bus then passes St. Marys Church, one of the oldest churches in Berlin, the exact age is unknown. Not far from here is the Nikolaiviertel, the reconstructed historical heart of the city with the oldest church in Berlin (Nikolaikirche), built between 1220 and 1230. The bus runs along the Berliner Stadtschloß, the city palace which is currently being rebuilt and stops directly in front of the main building of the Humboldt-Universität zu Berlin, which was built between 1748 and 1766. On the opposite side of the street you can see the Opera House and the Bebelplatz where the Book Burning Memorial is located.

The bus line 100 then continues along one of Berlin's most famous streets, Unter den Linden, where one sightseeing spot follows another. At the end of this street lies the Brandenburger Tor, a building that is attached to a lot of German history. When the copper statue of the victory goddess was first put on top, the citizens complained that the lady was wearing too revealing clothes, so the copper robe was added. Marking the border between Warsaw Pact and NATO, it was a symbol of the Cold War. From 1990, it became a symbol for the German Reunification. Located nearby is the Reichstag, which accommodates the German Parliament, called the Bundestag. After the abdication of the Kaiser in 1918, the first German republic was proclaimed to the public from one of the Reichstag's balconies.

The bus then passes the Haus der Kulturen der Welt. Berliners call it the pregnant oyster because of its shape, it was a gift from the United States of America and is the national centre for contemporary non-European art. You then can admire the Schloss Bellevue, the official residence of the German president. Due to many reconstruction periods and the representative rooms taking up a lot of space, there is only one German president who has actually lived in the castle (Roman Herzog).

At the Großer Stern intersection, in the center of the Großer Tiergarten, the Siegessäule watches over the western part of Berlin. It was built after a series of wars which lead to the unification of the many small states to the Kaiserreich. In the late 90s, the Siegessäule was the focal point for the annual Loveparade, one of the largest Techno festivals at that time. Behind the park lies the Potsdamer Platz, an example of the new Berlin and the urban renewal after the Cold War. On the place stands a replica of the first traffic light in Berlin from the year 1924.

At the end of this bus tour you will drive along one of the most prestigious shopping streets of the city, the Kurfürstendamm. Its most striking building is the Kaiser-Wilhelm-Gedächtnis-Kirche, which was heavily damaged in World War II, and is kept in its state as a war memorial. The bus 100 ends at the Zoologischer Garten, a zoo that also consists of a very large aquarium where marine animals as well as reptiles, amphibians and insects can be found.



Strolling through Berlin – Particularly Interesting Places

Berlin is also perfectly suited to explore by foot. Moving sites of the German Division are the Checkpoint Charlie and the Tränenpalast (palace of tears), two of the few border-crossings of the Cold War days. The East Side Gallery is a 1,3 km long painted stretch of the former Berlin Wall that you can walk along. If you would like to learn more about the time of the German Division, we recommend a guided tour through Berlin's historic bunkers and escape tunnels (www.berliner-unterwelten.en).

If you enjoy strolling and admiring historical façades, the Gendarmenmarkt and the Hackesche Höfe are two of the most beautiful places in historic Berlin. The famous Hackesche Höfe is a complex of eight interconnected courtyards with Art Nouveau façades, located on the Gendarmenmarkt are the French and German Cathedrals.



Berlin's Museums are an excellent alternative for rainy days!

On the Museumsinsel, you find five internationally significant museums. It consists of the Altes Museum (antique collection), the Neues Museum (Prehistorical, Egyptian and Early History collections), the Alte Nationalgalerie (collection of Neoclassical, Romantic, Biedermeier, Impressionist and early Modernist artwork), the Bode-Museum (collection of sculptures, Byzantine art, coins and medals) and the Pergamonmuseum (antiquity collection, the Middle East Museum, and the Museum of Islamic Art).

The Naturkundemuseum is the largest museum of natural history in Germany with 30 million zoological, paleontological, mineralogical, and geological objects. The mineral collection includes 75% of all minerals in the world. Two spectacular exhibits are the largest mounted dinosaur in the world which is 23m long and 12m high and an exemplar of the earliest known bird, Archaeopteryx.

The Deutsche Technikmuseum exhibits a large collection of historical technical exhibition pieces, it is focused on the waterways and rail transport in/to Berlin and in Germany. Also a reproduction of the Z1, the first freely programmable computer in the world, is shown here.

Especially since the 100th anniversary of the Bauhaus will be celebrated in 2019, the temporary Bauhaus-archiv is well worth a visit.

A visit to the former Tempelhof Airport is also particularly interesting. There you can take a tour through the historic airport, which was the first airport in Berlin and built in the 1920's. The Nazis added a monumental airport building, the US Army used it as their air base after WWII. During the Berlin blockade in 1948/49, the airport was a major hub for the historic airlift that provided supplies for the two million citizens. The airport was closed in 2009 and the area converted into a recreational territory. You should wander across the airport field and watch the locals cycling, inline skating, running or having a barbecue.



Berlin from Above

If the weather is good, it is also worth looking at Berlin from above. On Alexanderplatz, you find one of Berlins landmarks: the 356 meters high TV tower. The observation deck provides spectacular

views in all directions, tickets cost 16,60€ p.p. Just opposite to the TV tower, also on Alexanderplatz, you can visit the 37th floor of the Park Inn Hotel. Tickets to it's Panorama Terrace cost 4€ p.p. On Potsdamer Platz you can use the fastest elevator in Europe to get to a platform with a view over all the important landmarks of Berlin, tickets are 7,50€ p.p. A beautiful view over Berlin can also be enjoyed from the dome of the Berlin Cathedral. Tickets to visit the Cathedral cost 7€ p.p. The dome of the Reichstag is also worth a visit. The tour is free of charge, but prior registration is necessary.



Science Location Berlin

With its large number of scientific institutions, Berlin provides excellent opportunities for researchers from all over the world. Berlin is home to four universities (Freie Universität, Humboldt-Universität zu Berlin, Technische Universität, and Universität der Künste), several universities of applied sciences, and 70 non-university research institutions. The Charité - Universitätsmedizin Berlin is the joint medical faculty of the Humboldt-Universität zu Berlin and the Freie Universität and the largest medical faculty in Europe. It is a perfect example of how basic and applied research are in symbiosis here in Berlin. In Berlin, you also find unique research facilities like the synchrotron radiation source BESSY (part of the Helmholtz-Zentrum Berlin for Materials and Energy) and the free electron laser in the Fritz-Haber-Institute of the Max-Planck-Society. As an example for other research institutions, the Max Delbrück Center for Molecular Medicine, three additional Max-Planck-Institutes or the Federal Institute for Materials Research and Testing should be mentioned.

In so-called clusters of excellence, funded by the German government, different institutes collaborate on larger topics that are relevant from a social, scientific and economic standpoint. UniCat is one of these clusters in Berlin. It deals with unifying different concepts in heterogeneous, homogeneous and biological catalysis.

Furthermore, Berlin was one of the first cities to host the “long night of the sciences”. In this annual event, research institutes open their doors to the public to give people insights into the projects they are working on. Last year over 34,000 people came to the 73 participating academic institutions.



Short History of the Science Campus Adlershof

Johannisthal was Germany's first airfield for powered flight and quickly developed into a center for the German aircraft industry. In April 1912, Graf Zeppelin initiated the founding of a German Research Institute for Aviation (DVL), sited at Adlershof.

Throughout the First World War, aircraft manufacture increased in Johannisthal. The largest manufacturer was Albatros-Werke, followed by Rumpler and LVG. The National Socialist regime facilitated the development of a Center for Aviation Research at Adlershof. A major wind tunnel was put into operation in 1934 and was one of the most advanced high-speed wind tunnels in the world. A supersonic wind tunnel was developed in 1936, the first of its kind.

At the beginning of the Second World War, the DVL's testing facilities were operating at maximum capacity. Research extended to aerodynamics, on-board and navigation devices, earth and astro navigation, aircraft stability, gas dynamics, aeromedicine, aerial photography, measurement and control technology, thermodynamics, and engineering.

After the Second World War the DVL became the main Soviet collection point for German aviation and rocket technology. The German Academy of Science (formerly the Prussian Academy of Science) was reinstated by command of the Soviet occupation force. In the following years, Adlershof became home to a large scientific research center for physics, chemistry, materials aviation, and cosmos research. In 1952, the East German state television broadcaster located to Adlershof. In 1978, Sigmund Jähn was the first German to fly to space in the Soviet spacecraft Sojus 31. He was accompanied by a multispectral camera, which was made in Adlershof.

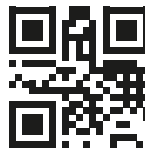
Following Germany's reunification in 1990, the Academy of Sciences, the GDR's state broadcaster and the guard regiment were phased out. On April 20st, 1990 the German Aerospace Centre (DLR) and Institute for Cosmic Research (IFK) agreed to join forces, enabling the preservation of the IFK's specialist knowledge and helping it adapt to the research landscape of a unified Germany. The decision to develop an integrated landscape combining commerce and science was made on March 12th, 1991. Thereupon, Adlershof had become Germany's largest science and technology park. Alongside the DLR, numerous other aviation and aerospace businesses are located at Adlershof.

Nowadays, the Humboldt-Universität's mathematics and science campus at Adlershof hosts the Departments for Chemistry, Geography, Computer Science, Mathematics, Physics and Psychology, and their 8,000

students and 1,000 staff. Here, it's all about research. Library, computer and multimedia services are located in the Erwin-Schrödinger-Zentrum. 1,600 staff work in the ten non-university research organisations in the fields of photonics, materials research and models: BAM (analytical chemistry, reference materials), BTU (air chemistry), DLR (planetary research, transportation systems), FBH (high frequency technology), FOKUS (computer architecture software engineering), HZB (materials, energy), IKZ (crystal growth), ISAS (analytical sciences), MBI (nonlinear optics, short pulse spectroscopy) and PTB (photon radiometry).



Public Transport in Berlin



Berlin has a very dense and frequent public transport network, consisting of suburban trains (S-Bahn, indicated by a white S in a green circle), tramways (Straßenbahn, indicated by “Tram” written in a red square), buses (Bus, indicated by “BUS” written in a purple circle), and underground trains (U-Bahn, indicated by a white U in a blue square). All information on public transport (routes, timetables etc.) can be found here: www.bvg.de.

The city of Berlin and the surrounding suburbs have been organized into the three tariff zones A, B and C. You can buy tickets for the combined zones AB, BC or ABC, as needed. Zone A covers Berlin's inner city up to and including the S-Bahn ring, Zone B covers the area outside the S-Bahn ring up to the city boundary, Zone C covers the greater Berlin area including the City of Potsdam and Airport Berlin Schönefeld. Usually, an AB ticket is sufficient, for trips to Schönefeld Airport or Potsdam an ABC ticket is needed.

A short trip ticket (up to 3 S- or U-Bahn stations or 6 bus or tram stops) costs 1,70€, a single ticket (up to 2 hours in one direction) 2,80€, a day ticket 7,00€ and a small group ticket (up to 5 people) 19,90€. There is no student discount, children under 6 travel for free. Make sure to validate your ticket using the machines on the U- and S-Bahn platforms or in the bus or tram. Otherwise, a fine of 60€ might be charged.

The easiest way from Adlershof to the historical centre of Berlin is to go to the S-Bahn-Station Adlershof and to use one of the following trains:

- S9 in the direction Spandau (direct train)
- S8 in the direction Birkenwerder or S85 in the direction Pankow. When taking these trains, you have to change at Ostkreuz and there take the trains S5, S7 or S75 to the city centre.



The last S-Bahn back to Adlershof depatures around 0:45 am during the week. If you missed it, check www.bvg.de for a night bus, or use a taxi. On weekends most U-Bahn and S-Bahn lines run all night.



Safety in Berlin

Compared with other capital cities around the world, Berlin is considered a safe city. But there are still a few things you should look out for to stay safe. Take the same precautions that you would in any large city. Keep an eye on your bags, phones, and wallets, especially at crowded tourist areas and on public transport. The police are generally helpful to tourists. Do not hesitate to approach them if you need help.



Notes



Notes



Notes

Important Phone Numbers

Registration desk	0151 108 696 25
Ambulance Fire Department	112
Police	110
Poison Emergency Hotline (Charité hospital)	(+49) 30 19 24 0
Emergency dental service (information)	(+49) 30 89 00 43 33
Taxi (english speaking)	(+49) 30 20 20 21 22 0
BVG (public transport) customer service	(+49) 30 19 44 9
Central (public) lost property office	(+49) 30 902 77 31

Imprint

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