

	Saturday, September 17	Sunday, September 18	Monday, September 19	Tuesday, September 20	Wednesday, September 21	Thursday, September 22	Friday, September 23	Saturday, September 24	Sunday, September 25
9:00 – 10:30	Arrival of participants	Arrival of participants Optional: Guided City Tour Berlin	Georg Heimel Theoretical modeling of functional hybrid interfaces	Nobuo Ueno Electronic structure of organic materials and their mysterious hybrids with inorganics	Barbaros Özyilmaz Graphene field effect transistor with ferroelectric gating	Stephanie Reich Carbon nanotubes functionalized with molecular switches: towards one-dimensional quantum hybrids	Fritz Henneberger Inorganic/organic semiconductor hybrid structures: fundamentals and perspectives	Sightseeing Optional: Guided City Tour Potsdam	Departure of participants Optional: Boat Trip of Berlin
10:30 – 11:00			Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break		
11:00 – 12:30			Jishan Wu Nanosized graphenes: from molecules to materials	Masakazu Nakamura Microscopic and electrical analyses of charge transport in organic thin films	Jürgen P. Rabe Hybrids from graphenes and molecules: structures and properties	Nori Kobayashi Novel reflective and emissive display cells with organic materials	Stefan Kowarik Structural properties and optimized growth of organic/inorganic hybrids		
12:30 – 14:00			Lunch	Lunch	Lunch	Lunch	Lunch		
14:00 – 15:30			Hisao Ishii Techniques to probe the bulk and interfacial electronic structures of organic materials in practical atmosphere	Andrew S. T. Wee STM and NEXAFS studies of organic-organic and organic-inorganic heterojunctions	Christian Thomsen Carbon nanotubes and semiconductor nanostructures	Peter Ho Introduction to organic LEDs, FETs and solar cells	Joachim Loos A vision on functional hybrid systems nanoscale organisation revealed by High-Resolution Microscopy		
15:30 – 15:45			Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break		
15:45 – 16:30			Norbert Koch Hybrid energy levels at hybrid interfaces	Wrap-up	Wrap-up	Wrap-up	Wrap-up		
16:30 – 17:15									
17:15 – 18:00					Wrap-up	Lab visit & Dinner, BESSY - Synchrotron Facility Adlershof			
Evening			Dinner Ratskeller Köpenick	Welcome Reception, Forum Adlershof	Concert in the historical wind tunnel, Dinner Campus Adlershof	Singaporean Evening Embassy of Singapore Berlin-Mitte			

Programme

Saturday, September 17, 2011

Dinner Ratskeller Köpenick

19:15

Departure Dinner Ratskeller Köpenick

Hotel Dorint, Rudower Chaussee 15, 12489 Berlin-Adlershof

20:00-22:00

Dinner Ratskeller Köpenick

Alt Köpenick 21, 12555 Berlin-Köpenick

Transfer back to Hotel Dorint

Programme

Sunday, September 18, 2011

- 11:45 Departure Guided City Tour Berlin
Hotel Dorint, Rudower Chaussee 15, 12489 Berlin-Adlershof
- 12:00-15:00 Guided City Tour Berlin (optional)
- 18:00 Welcome Reception
Forum Adlershof, Rudower Chaussee 24, 12489 Berlin-Adlershof
- A capella music*
"Das Hohe C"
- Welcome*
Jürgen P. Rabe (Scientific Chair KOSMOS 2011, Humboldt-Universität zu Berlin)
- Presentations Partner Universities*
Martin Dorn (Humboldt-Universität zu Berlin)
Sharon Chang (National University of Singapore)
Masayuki Yamamoto (Chiba University Japan)
- A capella music*
"Das Hohe C"
- 19:00 *Dinner*
- After Dinner Speech*
Ingolf V. Hertel (Professor for Physics, Humboldt-Universität zu Berlin and
Director Emeritus Max Born Institute, Berlin-Adlershof)
- A capella music*
"Das Hohe C"

Programme

Monday, September 19, 2011

- 8:00 Breakfast
TIM's Canadian Deli, Rudower Chaussee 26, 12489 Berlin-Adlershof
- 9:00-18:00 Academic Programme
Erwin-Schrödinger-Zentrum, Konferenzraum R 0'119, Rudower Chaussee 26
- Georg Heimel: "Theoretical modeling of functional hybrid interfaces"
Jishan Wu: "Nanosized graphenes: from molecules to materials"
Hisao Ishii: "Techniques to probe the bulk and interfacial electronic structures of organic materials in practical atmosphere"
Norbert Koch: "Hybrid energy levels at hybrid interfaces"
Wrap-up
- 18:30 Concert in the historical wind tunnel for drums, saxophone and piano
Zum Großen Windkanal, 12489 Berlin-Adlershof
- Falk Kulawik (Piano)
Matthias Schubert (Saxophone)
Ernst Bier (Drums)
- 19:30-21:00 Dinner
TIM's Canadian Deli, Rudower Chaussee 26, 12489 Berlin-Adlershof

Programme**Tuesday, September 20, 2011**

- 8:00 Breakfast
TIM's Canadian Deli Adlershof, Rudower Chaussee 26, 12489 Berlin-Adlershof
- 9:00-16:30 Academic Programme
Erwin-Schrödinger-Zentrum, Konferenzraum R 0'119, Rudower Chaussee 26
- Nobuo Ueno: "Electronic structure of organic materials and their mysterious hybrids with inorganics"
- Masakazu Nakamura: "Microscopic and electrical analyses of charge transport in organic thin films"
- Andrew S. T. Wee: "STM and NEXAFS studies of organic-organic and organic-inorganic heterojunctions"
- Wrap-up
- 17:00 Departure Singaporean Evening
Hotel Dorint, Rudower Chaussee 15, 12489 Berlin
- 18:00-20:00 Singaporean Evening
Embassy of the Republic of Singapore, Vossstraße 17, 10117 Berlin-Mitte
- Transfer back to Hotel Dorint

Programme

Wednesday, September 21, 2011

- 8:00 Breakfast
TIM's Canadian Deli, Rudower Chaussee 26, 12489 Berlin-Adlershof
- 9:00-16:30 Academic Programme
Erwin-Schrödinger-Zentrum, Konferenzraum R 0'119, Rudower Chaussee 26
Barbaros Özyilmaz: "Graphene field effect transistor with ferroelectric gating"
Jürgen P. Rabe: "Hybrids from graphenes and molecules: structures and properties"
Christian Thomsen: "Carbon nanotubes and semiconductor nanostructures"
Wrap-up
- 16:30-20:00 Lab visit & Dinner BESSY II – Synchrotron Facility Adlershof
Helmholtz-Zentrum für Materialien und Energie GmbH - BESSY II
Albert-Einstein-Str. 15, 12489 Berlin-Adlershof
- Presentation BESSY II
Guided tour Electron storage ring BESSY II
Dinner

Programme**Thursday, September 22, 2011**

- 8:00 Breakfast
TIM's Canadian Deli, Rudower Chaussee 26, 12489 Berlin-Adlershof
- 9:00-16:30 Academic Programme
Erwin-Schrödinger-Zentrum, Konferenzraum R 0'119, Rudower Chaussee 26
Stephanie Reich: "Carbon nanotubes functionalized with molecular switches: towards one-dimensional quantum hybrids"
Nori Kobayashi: "Novel reflective and emissive display cells with organic materials"
Peter Ho: "Introduction to organic LEDs, FETs and solar cells"
Wrap-up
- 17:00 Departure Japanese Evening
Hotel Dorint, Rudower Chaussee 15, 12489 Berlin-Adlerhof
- 18:00-20:30 Japanese Evening
Japanese-German Center Berlin, Saargemünder Straße 2, 14195 Berlin-Dahlem
Arwen Colell: "Electromobility, power nets, and renewable energies in Japan and Germany"
Paul Talcott: "Challenges for the Noda Cabinet in Energy and Taxes"
Transfer back to Hotel Dorint

Programme

Friday, September 23, 2011

- 8:00 Breakfast
TIM's Canadian Deli, Rudower Chaussee 26, 12489 Berlin-Adlershof
- 9:00-16:30 Academic Programme
Erwin-Schrödinger-Zentrum, Konferenzraum R 0'119
Fritz Henneberger: "Inorganic/organic semiconductor hybrid structures:
fundamentals and perspectives"
Stefan Kowarik: "Structural properties and optimized growth of organic/inorganic
hybrids"
Joachim Loos: "A vision on functional hybrid systems nanoscale organisation
revealed by High-Resolution Microscopy"
Wrap-up
- 17:00 Departure Farewell Reception
Hotel Dorint, Rudower Chaussee 15, 12489 Berlin-Adlershof
- 18:00-21:00 Farewell Reception
Humboldt Graduate School, Luisenstraße 56, 10117 Berlin-Mitte
Music, Claudia Studer (Harp)
Michael Kämper-van den Boogaart (Vice President for Academic and
International Affairs, Humboldt-Universität zu Berlin)
H. E. Jacky Foo (Ambassador of the Republic of Singapore)
Music, Claudia Studer (Harp)
Wrap-up of participants
Final remarks
Jürgen P. Rabe, Norbert Koch (Scientific Chairs KOSMOS 2011,
Humboldt-Universität zu Berlin)
Music, Claudia Studer (Harp)
Reception & Buffet Dinner

Transfer back to Hotel Dorint



Programme

Saturday, September 24, 2011

- 10:45 Departure Guided City Tour Potsdam
Hotel Dorint, Rudower Chaussee 15, 12489 Berlin-Adlershof
- 11:00-15:00 Guided City Tour Potsdam (optional)



Programme

Sunday, September 25, 2011

- 9:30 Departure Boat Trip
Hotel Dorint, Rudower Chaussee 15, 12489 Berlin-Adlershof
- 10:30-13:45 Boat Trip Berlin (optional)