



## Programme

## **DORIS DAYS.** 14 Mai 2013 Ceremony

13:30	Doors open
14:00	Opening remarks Helmut Dosch, Chair of the Board of Directors at DESY
14:15	Welcome addresses Olaf Scholz, First Mayor of the Free and Hanseatic City of Hamburg Beatrix Vierkorn-Rudolph, German Federal Ministry for Education and Research BMBF
14:35	The importance of the EMBL/DESY collaboration for European Structural Biology Iain Mattaj, Director General EMBL
<b>Session 1</b>	<b>The historical context: DORIS as pioneer for</b>
15:00	DORIS – challenges and success of an ambitious project Klaus Wille, TU Dortmund
15:30	Particle physics: A fructibus eorum cognoscetis eos – from Charm to Beauty Dietrich Wegener, TU Dortmund
16:00	DORIS: pioneering X-ray Science with Synchrotron Light Francesco Sette, Director General ESRF
16:30	Coffee break
<b>Session 2</b>	<b>Societal and international relevance</b>
17:15	DORIS as a laboratory for the social sciences Olof Hallonsten, University of Gothenburg
17:45	DORIS – a global perspective Janos Kirz, LBNL
18:15	Vision: DESY research campus and research infrastructures Short image film
18:20	Awards
19:00	Get-Together



## Programme

# DORIS Photon Science Symposium

15 Mai 2013

Venue: DESY Auditorium (Building 05)

9:00 – 9:15 DORIS research from pioneer work to modern synchrotron research  
Edgar Weckert, DESY

### Session 1 Spectroscopy in hard condensed matter

Chair: C. Kunz

9:15 – 9:45 HAXPES – studying bulk properties with photoelectron spectroscopy  
Charles Fadley, University of California

9:45 – 10:15 Coherent nuclear phenomena: From bragg diffraction to quantum optics  
Ralf Röhlsberger, DESY

10:15 – 10:45 Inelastic X-ray scattering: from the early DORIS days to the future  
Michael Krisch, ESRF

10:45 – 11:30 Coffee break (Tent next to building 7)

### Session 2 Diffraction in biology, soft and hard condensed matter research

Chair: G. Materlik

11:30 – 12:00 Importance for synchrotron radiation in structural biology  
Keith Wilson, University of York

12:00 – 12:30 Correlated electron physics in the light of DORIS  
Jochen Geck, IFW Dresden

12:30 – 13:00 Langmuir monolayers: From twodimensional ordering to biomolecular recognition  
Helmuth Möhwald, MPG Potsdam

13:00 – 14:30 Lunch (DESY canteen, building 09)

### Session 3 From industry to art museums

Chair: J. R. Schneider

14:30 – 15:00 Synchrotron radiation & industrial catalysis: A tradition and future challenges  
Jan-Dierk Grunwaldt, Karlsruher Institut für Technologie (KIT)

15:00 – 15:30 Tomography for medicine, engineering, museums and zoology  
Felix Beckmann, Helmholtz-Zentrum Geesthacht (HZG)

15:30 – 16:00 Colour reconstruction of hidden paintings for visualization of hidden paintings  
Koen Janssens, University of Antwerp

16:00 – 17:30 Light refreshments (Tent next to building 7)