General Information

- **XAFS16** is dedicated to information exchange and discussion on current research using X-ray Absorption Fine Structure spectroscopy and related methods. The conference will be a forum for the presentation of new scientific results and underlying theoretical approaches and technological developments in XAFS via plenary lectures, invited and contributed talks, and posters – augmented by a commercial exhibition.

- **XAFS16** also offers an excellent opportunity to establish or renew contacts with colleagues in the field.

Peer reviewed conference proceedings will be published in the Open Access Journal of Physics: Conference Series (JPCS).

**Call for abstracts now open!!!**
Details on [www.xafs16.org](http://www.xafs16.org)

Session Topics

- X-ray facilities, instrumentation, optics
- Materials science and energy-related materials
- Catalysis
- Radioactive and nuclear materials
- Life science, biology and biochemistry
- Earth and environmental sciences
- Cultural heritage
- Atoms and molecules
- Nanotechnology
- Surfaces and interfaces
- Magnetism
- Soft matter
- X-ray scattering and electron spectroscopy (XES, RIXS, NIXS, HERFD, and XPS)
- Theoretical methods
- Software, data analysis
- New methods and combination of techniques
- Time-resolved and ultrafast techniques
- X-ray microscopy

Contact

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Supported by

Karlsruhe Institute of Technology (KIT)

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[www.kit.edu](http://www.kit.edu)
Important Dates

Early registration: March - 15 May 2015
Abstract acceptance: 30 April 2015
Late registration: up to 15 July 2015
Paper submission: up to 15 August 2015
Conference: 23-28 August 2015

Conference Fees:
Early registration 490€ (regular) / 250€ (student)
Late registration 590€ (regular) / 300€ (student)

Young researchers may apply for a limited number of travel bursaries. More info will be available at www.xafs16.org.

Organizers

XAFS16 is organized by Karlsruhe Institute of Technology (KIT) in collaboration with the Helmholtz-Institutes DESY (Hamburg), HZB (Berlin), and the European XFEL (Hamburg), operating synchrotron radiation user facilities in Germany.

Local Organizing Committee
- Jan-Dierk Grunwaldt (Chair)
- David Batchelor
- Kathy Dardenne
- Michael Drees
- Jörg Gottlicher
- Michael Hagelstein
- Clemens Heske
- Henning Lichtenberg
- Stefan Mangold
- Jörg Rothe
- Ralph Steininger
- Marika Vespa
- Tonya Vitova
- Anna Zimina

Satellite Sessions
- Emad Flear Aziz (HZB)
- Eberhard Goering (MPI-IS)
- Edmund Welter (DESY)

Venue

- XAFS16 will be held on the KIT South Campus (the former Technical University of Karlsruhe), which is located close to the city center (for more information about KIT, consult www.kit.edu).
- The main lecture hall (Audimax) of the University Campus is the central meeting place for XAFS16.
- Karlsruhe is situated in the sunny southern area of the Rhine valley, approximately halfway between Strasbourg, France and Heidelberg, Germany. Karlsruhe can be easily reached via train or car from Frankfurt/Main, Strasbourg or Stuttgart international airports within 1 hour.

Invited Speakers
(as of 17 December 2014)

Kiyotaka Asakura  
Xinhe Bao  
Simon Bare  
Matthias Bauer  
Serena de Beer  
Peter Blaha  
Steven Conradson  
Hugh Harris  
Joshua Kas  
Carlo Lamberti  
Krystoła Ławniczak-Jabłońska  
Alain Manceau  
Philippe Martin  
Jennifer Mass  
Anders Nilsson  
Carolin Schmitz-Antoniak  
Hao Tjeng

Satellite Sessions at

- HZB (Berlin): 20 - 21 August 2015
  Soft X-ray in Energy and Time (SXET)
  www.helmholtz-berlin.de/events/sxet/index_de.html
- MPI-IS (Stuttgart): 30 August – 2 September 2015
  Application of XAFS to the study of magnetic materials
  www.is.mpg.de/XAFS16Magnetism
- DESY (Hamburg): 21 - 22 August 2015
  Data acquisition, treatment, storage - quality assurance in XAFS spectroscopy
  https://indico.desy.de/conferenceDisplay.py?confId=10169

International Advisory and Program Committee

- Kiyotaka Asakura (JPN)
- Gustavo Azevedo (BRA)
- Valérie Briois (FRA)
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- Gerrit van der Laan (GBR)
- Ziyu Wu (CHN)

Information Links

- XAFS16 conference website
  www.xafs16.org
- Direction to KIT South Campus
  www.kit.edu/visit/directions.php
- Accommodation