



## 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

### Conference Secretary

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### Supported by

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# XAFS16

## Karlsruhe, Germany



16<sup>th</sup> International Conference on  
X-ray Absorption Fine Structure

23-28 August 2015



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## Important Dates

**Abstract submission:** 15 Dec. 2014 - 15 March 2015  
**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](http://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 Göttlicher
- 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](http://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**  
**Krystyna 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](http://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](http://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)
- Bruce Bunker (USA), IXAS chair
- Chris Chantler (AUS)
- Andrea Di Cicco (ITA)
- Stephen Cramer (USA)
- Paola D'Angelo (ITA)
- Frank de Groot (NLD)
- Stefano Della Longa (ITA)
- Melissa A. Denecke (GBR)
- Ronald Frahm (DEU)
- Pieter Glatzel (FRA)
- Robert Gordon (CAN)
- Jan-Dierk Grunwaldt (DEU)
- Hugh Harris (AUS)
- Daniel Haskel (USA)
- Krystyna Ławniczak-Jabłońska (POL)
- John Rehr (USA)
- Philippe Saintavit (FRA)
- Gerrit van der Laan (GBR)
- Ziyu Wu (CHN)

## Information Links

► **XAFS16** conference website  
[www.xafs16.org](http://www.xafs16.org)

► Direction to KIT South Campus  
[www.kit.edu/visit/directions.php](http://www.kit.edu/visit/directions.php)

► Accommodation  
[www.xafs16.org/53.php](http://www.xafs16.org/53.php)

