



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

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

Karlsruhe Institute of Technology (KIT)

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XAFS16

Karlsruhe, Germany



16th 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.

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).

► 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

► 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)
- Bruce Bunker (USA), IXAS chair
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- Andrea Di Cicco (ITA)
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- John Rehr (USA)
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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
www.xafs16.org/53.php

