

IMPORTANT DATES

October 7th – 11th 2024 - Workshop

- October 2023 1st Announcement
- November 2023 Launch of workshop website
- March 2024 2nd Announcement
- June 2024 Deadline for abstract submission
- August 2024 Notification of acceptance

LOCAL ORGANIZERS

Kathy Dardenne, Susanne Fanghänel, Elke Lukas, Tim Prüssmann, Jörg Rothe, Tonya Vitova
KIT-INE, Karlsruhe, Germany

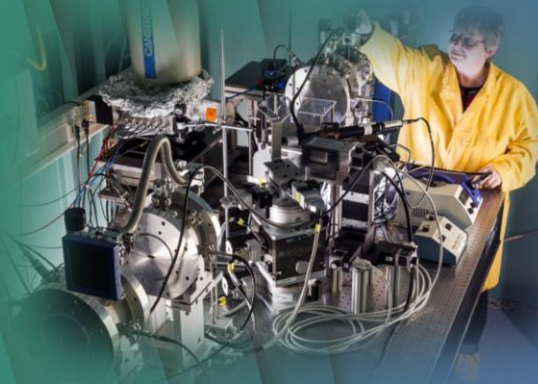
E-mail: atas-anxas-2024@ine.kit.edu

Website: <https://atas-anxas-2024.ine.kit.edu>

Venue: FTU, KIT Campus North, Hermann-von-Helmholtz-Platz 1, D-76344 Eggenstein-Leopoldshafen

FTU

KIT Campus North



ATAS - AnXAS 2024 – Joint Workshop

6th International Workshop on Advanced Techniques in Actinide Spectroscopy

10th International Workshop on Speciation, Techniques, and Facilities for Radioactive Materials at Synchrotron Light Sources

October 7th – 11th, 2024

KIT Campus North, Karlsruhe, Germany



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Save the date!



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HISTORY AND SCOPE

ATAS - AnXAS 2024 at KIT will be the second joint workshop since merging the formerly separate **ATAS** and **ActinideXAS** series in 2022. Both workshops date back to original initiatives by Helmholtz-Zentrum Dresden-Rossendorf (HZDR). ActinideXAS was launched in 1998 at the ESRF in Grenoble (France) to focus on work at emerging dedicated synchrotron labs licensed to handle actinide materials at beamlines. The follow-up events took place at LBNL (USA), FZK (Germany), SOLEIL (France), SPring-8 (Japan), PSI (Switzerland), and Oxford University (UK). The series of ATAS workshops started 2012 at HZDR in Dresden (Germany) in the context of a comprehensive round robin test comparing actinide speciation methods at labs around the world – followed by events at HZDR, PNNL (USA) and Nice (France). ATAS extended the scope to other advanced, not solely synchrotron-based speciation methods, with an additional emphasis on quantum chemistry. The first joint workshop was held in 2022 – again at the ESRF in Grenoble – feeling the strong need to catch up with personal exchange between experts and novices in the fields of actinide science, radionuclide speciation, spectroscopy and theory after the forced break due to the pandemic. As from the beginning the audiences of both ATAS and ActinideXAS had been largely overlapping, the scientific advisory boards decided to keep the format for now as extended five-day joint workshop.

SCIENTIFIC ADVISORY BOARD

Robert J. Baker (Ireland), Rainer Dähn (Switzerland), Christophe Den Auwer (France), Harald Foerstendorf (Germany), Ken Kemner (USA), Kristina Kvashnina (France, Germany), Katherine Morris (UK), Katharina Müller (Germany), Tobias Reich (Germany), Jörg Rothe (Germany), David K. Shuh (USA), Pier-Lorenzo Solari (France), Jim Tobin (USA), Satoru Tsushima (Germany, Japan), Tsuyoshi Yaita (Japan), Ping Yang (USA)

- The workshop will be held onsite – personal attendance of all participants is requested.
- The number of participants will be limited to 100.
- All participants are encouraged to submit an abstract (talk or poster).
- Contributions from all disciplines of spectroscopy and computational chemistry relevant to actinide and radionuclide science are highly welcome.
- The workshop includes a visit to the KIT Light Source onsite KIT Campus North as well as synchrotron radiation facility reports / discussions.