



SATELLITE WORKSHOP - Photon Science

ROCK-IT Outreach Meeting

Wednesday, 24 January 2024

ROCK-IT aims to develop all necessary tools for the automation and remote control of in-situ and operando catalysis experiments. These include remote access for experimental users, experiment automatization, data management, and near real-time analysis and optimization using machine learning (ML).

The workshop will start with a brief introduction to the ROCK-IT project. Afterwards, we will engage the user community to discuss and gather valuable feedback about the following topics:

- Graphical user interface (GUI) design of the user experience
- GUI / Experiment control / Experiment automation
- Data analysis
- Remote access

The workshop is designed to be highly interactive, prioritizing active engagement from the user community to communicate their preferences and requirements.

ROCK-IT (**R**emote, **O**perando **C**ontrolled, **K**nowledge-driven, and **I**T-based) is a Helmholtz collaboration project between DESY, KIT, HZDR, and HZB.

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PROGRAMME

13:00	Welcome
13:05	Introduction to ROCK-IT and Meeting Objectives (Edgar Weckert - Director in Charge of Photon Science, DESY)
13:30	Outreach Agenda and Opening Questions
14:00	Coffee Break and Discussions
14:40	User Impressions and Discussions
16:00	Coffee Break
16:15- 16:30	Conclusion