

International Workshop on Superconducting Quantum Technology

Freyburg / Unstrut
Germany

18th – 21st June 2017



www.FLUXONICS-Foundry.de

Welcome

On behalf of the local organizing committee, we would like to invite you to join the International FLUXONICS Workshop on Superconducting Quantum Technology, which will take place in Freyburg, Germany during June 18th-21st 2017.

The workshop is a satellite to the ISEC 2017 in Sorrento and includes the biennial FLUXONICS RSFQ Design workshop. It covers the following cutting-edge research topics on both low and high-T_c sensors, detectors and readout, QuBits and SFQ circuits as well as related science and technology. The workshop addresses scientists and engineers from universities and research centers as well as industry.

The addressed topics are:

Single Flux Quantum (SFQ) Electronics,

- Lectures on Superconductor Electronics,
- Introduction to Circuit Design,
- Advanced Aspects of RSFQ Circuit Design,
- Interfacing RSFQ Circuits,
- Research Aspects and Applications,

QuBits and Quantum Technologies, SQUIDs and Applications,

Detectors: MKID, MMC, SSPD, STJ, TES,

- Novel Sensors and Detector Concepts,
- Device Physics,
- Readout and Signal Processing,
- Materials and Fabrication,
- Applications.

Organizing Committee

Ronny Stolz



Leibniz-Institute of Photonic Technology,
Jena

Thomas Ortlepp



CiS Erfurt
and

Yokohama National University, Japan

Hannes Töpfer



Ilmenau University of Technology



Venue



The workshop takes place in the **Berghotel zum Edelacker** which is located in the charming wine area of the rivers Saale and Unstrut. The hotel is known to wine lovers around the world and is the prime destination for those wishing to explore the Saale-Unstrut region around Naumburg and Freyburg. The Berghotel zum Edelacker offers traditional hospitality combined with modern luxury.

The costs are 450€ in a single and 370€ in a shared double room which includes the full workshop, accommodation, and catering fees.

Please register via email until the 5th of May 2017 using the form from the website:

<http://workshop2017.fluxonics.de>

Registration and Participation Management
Dr. Jürgen Kunert
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Preliminary Program

Sunday, 18th of June 2017

14:00-19:00 Registration

15:00-18:00 Tutorials

Monday, 19th of June 2017

08:30-18:30 Orals

15:00-16:30 Poster

Tuesday, 20th of June 2017

08:30-12:00 Orals

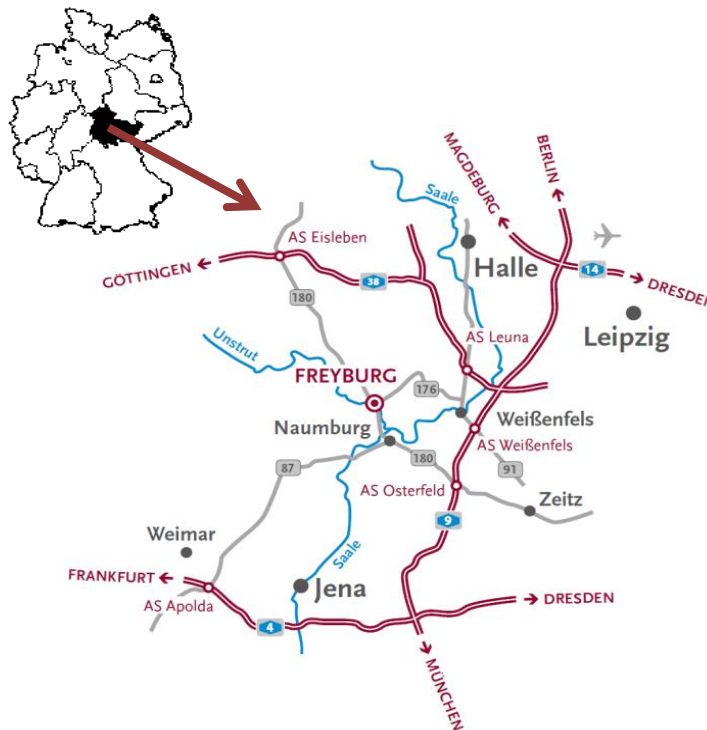
13:30-20:00 Excursion

Wednesday, 21st of June 2017

08:30-12:00 Orals

12:00-12:15 Concluding remarks

Workshop site



Local Organizers

Leibniz-Institute of Photonic Technology
R&D group Magnetometry

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For urgent requests please contact:

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