Registration and abstract submission open
July 15, 2018

Abstract submission deadline
late breaking posters accepted until conference date
September 1, 2018

Notification of abstract acceptance
September 29, 2018

Registration deadline
October 26, 2018

WORKSHOP COMMITTEE

Registrations:
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www.eam.fau.de/aptworkshop2018/
SCOPE

In the European atom probe tomography workshop we aim to foster the exchange of new ideas in atom probe tomography and field ion microscopy community, especially those aspects not regularly covered in scientific publications. We therefore put special emphasis on peer-to-peer discussions around poster presentations and provide a choice of tutorials given by renown experts for the advanced atom probe user/scientist.

We also aim to integrate scientists that are interested in applying atom probe tomography in an emerging field into the community. This will foster knowledge transfer between new applications and fundamental research in the physics of APT.

We specially invite contributions from students (MSc., PhD). Bursaries and student prizes will be available.

Abstract format: single page (A4), 11pt. Arial font

TOPICS AND KEYNOTE SPEAKERS

Plenary
Prof. Dierk Raabe (Max Planck Institute for Iron Research)

Geosciences
Prof. Sandra Piazolo (University of Leeds)

Structural Materials
Dr. Daniel Haley (University of Oxford)

Functional Materials
Prof. Greg Thompson (University of Alabama)

Instrumentation
Dr. Patrick Stender (University of Stuttgart)

Instrument Operation
Dr. Takanori Sato (University of Sydney)

Tutorial Speakers

Pre-Workshop IVAS Tutorial: Rob Ulfig (CAMECA Instruments) will be held at Ruhr-Universität Bochum (transportation from Düsseldorf provided)

Data Analysis:
Cluster analysis (Leigh Stephenson, MPIE)
Interface analysis (Steffen Lamm, FAU)
Advanced mass spectrum analysis (Daniel Haley, Oxford)

Simulation:
Field evaporation simulation with TAPSim (Christian Oberdorfer, Ohio State)

Instrument design:
CAD design of vacuum components (Peter Felfer, FAU)

Experiments:
FIB based sample preparation (Ga FIB)
FIB based sample preparation (PFIB)
FIM on the LEAP system

In your registration, pls specify your tutorial of interest (first come, first serve). A priority list of three topics is recommended.

Registration fee:
full registration: 399 EUR
student registration: 199 EUR
including in-business-hours catering
maximum attendance: 60 people

Venue:
Max Planck Institute for Iron Research, Max Planck Str. 1 and VDEh-Betriebsforschungsinstitut GmbH Sohnstr. 65, 40237 Düsseldorf (next door to each other)

Accommodation:
Hotel Villa Achenbach, www.villa-achenbach.de
Hotel Haus am Zoo, www.hotel-haus-am-zoo.de
Hotel Heidelberger Hof, www.heidelbergerhof.com

Many more options with good public transport connection are available throughout the city.