

# European XFEL Users' Meeting — Programme

23–25 January 2019 / Main Auditorium, Building 5, DESY, Hamburg



14 January 2019

21 - 22 January 2019: European XFEL Satellite Workshops

Wednesday, 23 January 2019: Plenary Sessions

**8:30 – 10:00 Registration**

**10:00 – 10:20 Opening Session**

**10:00** Welcome R. Feidenhans'l European XFEL

**10:10** Opening address from the Council Chair M. Faury CEA Saclay

**10:20 – 12:50 European XFEL Update Session** *Chair: M. Faury (CEA Saclay)*

**10:20** General status of the project R. Feidenhans'l European XFEL

**10:50** Electron accelerator – achievements and further development W. Decking DESY

**11:20** The road towards further scientific capabilities S. Molodtsov European XFEL

**11:50** User laboratories at the European XFEL K. Lorenzen European XFEL

**12:20** Formation of a European XFEL Users' Organization NN

**12:50 – 14:00 Lunch Break**

**14:00 – 15:30 Status Session: Science instruments** *Chair: B. Murphy (U Kiel)*

**14:00** First results from the SQS instrument M. Meyer European XFEL

**14:30** First results from the SCS instrument A. Scherz European XFEL

**15:00** Status of the MID & HED instruments A. Madsen European XFEL

**15:30 – 16:00 Coffee Break**

**16:00 – 18:00 Science Session: Early User Experiments Highlights** *Chair: A. Soldatov (SFedU, Rostov-on-Don)*

**16:00** Time-resolved x-ray spectroscopy and scattering on Myoglobin and future perspectives M. Chergui EPFL, Lausanne

**16:30** Time-resolved serial structural biology at XFELs A. Orville DLS

**17:00** Tracking the photoinduced spin-dynamics in organized arrays of transition metal complexes S. Canton ELI ALPS & DESY

**17:30**  $\mu$ s dynamics by means of speckle correlations F. Lehmkuhler DESY

**18:30 European XFEL Dinner Reception (DESY Canteen)**

Thursday, 24 January 2019, 9:00–10:25 DESY Photon Science Users' Meeting — FLASH

Thursday, 24 January 2019, 11:00-13:10 Joint session – Soft X-ray FEL experiments

**11:00 – 13:10 Soft X-ray FEL Science Highlights** *Chair: T. Tschemtscher (European XFEL)*

**11:00** Results from recent experiments with the reaction microscope at FLASH2 K. Schnorr PSI Villigen

**11:30** Light induced phase transition in magnetic FeRh F. Pressacco U Hamburg

**12:00** When an X-ray Free-Electron Laser behaves like a Laser I. Vartaniants DESY

**12:30** Angular Streaking at XFELs: Spiralling in on Attosecond X-ray Science W. Helml TU Dortmund

**13:00** ESUO Report U. Pietsch (ESUO) U Siegen

Thursday, 24 January 2019, afternoon

Satellite and Special Workshop Meetings

Friday, 25 January 2019, 9:00 – 13:10

DESY Photon Science Users' Meeting — Plenaries

Friday, 25 January 2019, 14:00 – 17:00

Poster Session and Vendor Exhibition (10:00–18:00), "Kuppel Hamburg", Bahrenfeld Trabrennbahn (Organized by DESY)