

SATELLITE WORKSHOP - MX

Monday to Friday 26-30 January 2026

This satellite meeting is targeted to all current and future users of the MX beamlines and connecting facilities at DESY & EMBL and the facilities of the XFEL connecting to life science. In between the plenary sessions of the Joint DESY and XFEL Users Meeting, we have a series of practicals and talks organized in our facilities as participating workshop to 'MX satellite meeting'. This includes serial synchrotron crystallography (SSX) sample preparation in the EMBL/SPC facility, demo of crystallization plate preparation and crystal harvesting with OLTSshifter jointly by EMBL/SPC and P11, SSX demo at P11, facility and science talks in a joint session, single crystal demos at P11 and P13. Q&A on how to make best of the MXCuBE and ISPyB installations at P11 is included. Below program is preliminary and will be shaped according to the wishes of the registrants.

Groups for the tutorials have been pre-assigned by the organizers and information for participants is available at the meeting point of each day. *Please note that the access by lift to the building 48e, 2nd floor (EMBL) is currently via building 15 (CSSB) and bridge due to maintenance work. The ground floor of building 47c (PETRA III experimental hall) and 48e can be accessed without use of stairs via the main door of the building.*

Organisers: EMBL, DESY, XFEL

Contact: p11beamline@desy.de

PROGRAMME

23.01.	<i>XFEL data analysis workshop, see specific satellite program</i> Monday: 4 parallel demo groups 13:00-18:00, 1 h each, meeting point 48E EMBL front door, get-together 18:00-21:00	<i>Tutors</i>
26.01.	Serial crystallography sample preparation SPC Lab 48E ground floor Serial crystallography demo at P11, 47c Serial crystallography demo at TREXX, Beamline P14, 47c Serial crystallography data processing, 48E, EMBL seminar room, 2nd floor MX get-together at the EMBL 48E, 2nd floor	<i>David Ruiz Carrillo</i> <i>Robin Schubert</i> <i>Dominik Oberthür</i> <i>David von Stetten</i> <i>Thomas White</i>
27.01.	<i>XFEL user meeting + posters, see main session program</i>	
28.01.	<i>09:00-12:00 Industry workshop, see specific satellite program</i>	

28.01.	<p>Facility talks, science contributions from user community, 48E, EMBL seminar room, 2nd floor</p> <p>11:30-12:25 Lunch</p> <p>12:25-12:30 Welcome</p> <p>12:30-13:00 DESY beamline P11, Johanna Hakanpää</p> <p>13:00-13:40 EMBL beamlines, Gleb Bourenkov, David von Stetten, Kirill Kovalev, Yehudi Bloch</p> <p>13:40-14:00 From Sample Preparation to Beamtime: Serial Crystallography Support at XBI, Huijong Han</p> <p>14-14:30 coffee break</p> <p>14:30-14:50 Acoustofluidic Sample Delivery for Serial Crystallography, Varun Kumar Rajendran</p> <p>14:50-15:10 Acoustofluidic Media Switching for Serial Crystallography, Patricia Almudena López Ramírez</p> <p>15:10-15:30 Chemical crystallography at XFELs: solving small-molecule structures in lightning speed, Aaron Brewster</p> <p>15:30-16:30 Discussion and joint migration towards the <i>poster session and DESY get-together</i></p> <p><i>Photon Science user meeting + posters, see main session program</i></p> <p>Friday: 3 parallel demo groups 09:00-14:30, 1 h 30 min each, meeting point 48E EMBL front door, lunch break 12:00-13:00</p> <p>Crystal mounting and soaking with OLT Shifter, Plate pipetting in the SPC, EasyAccess Frame</p> <p>Single crystal demos at DESY P11</p> <p>Single crystal demos at EMBL P13</p>
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