

Programme

DanScatt XFEL Workshop 2026

18 May 2026

12:30 - 12:35 **Welcome**

12:35 - 13:05 **Yanwen Sun, LCLS, SLAC**

Title: Hard x-ray delay line for tracking atomic and electronic fluctuations in matter

13:05 - 13:35 **Adam Sapnik, University of Copenhagen**

Title: High-Quality, Ultrafast Total Scattering and Pair Distribution Function Methods

13:35 - 14:05 **Coffee break**

14:05 - 14:35 **Andrew Orr-Ewing, University of Bristol**

Title: Unravelling organic reaction mechanisms using ultrafast spectroscopy and X-ray scattering.

14:35 - 15:05 **Jan-Etienne Pudell, EuXFEL**

Title: The MID Instrument: A Versatile Platform for X-Ray Science and How Electron Pressure Drives THz Phonons in Metal–Metal Superlattices

15:05 - 15:35 **Kerstin Mitterer, Technical University of Denmark**

Title: TR-XSS with all-organic chromophore

15:35 - 16:05 **Coffee break**

16:05 - 16:35 **Sonia Coriani, Technical University of Denmark**

Title: Theoretical (x-ray) spectroscopy to unravel ultrafast relaxation pathways in functional molecules

16:35 - 17:05 **Katrin Aman-Winkel, MPI Mainz**

Title: X-ray scattering on amorphous ices: key to water's hidden states.

17:05 - 18:05 **Poster session**

18:05 - 21:00 **Dinner**

08:55 - 09:00 **Opening**

09:00 - 09:30 **Steve Johnson, ETH Zurich**

Title: Ultrafast decoherence of CDW dynamics in K_{0.3}MoO₃

09:30 - 10:00 **Simon Wall, Aarhus University**

Title: Ultrafast polaron formation in optical and mid-infrared driven phase transitions

10:00 - 10:25 **Morten Haubro, Technical University of Denmark**

Title: High rep-rate techniques

10:25 - 10:50 **Coffee break**

10:50 - 11:20 **Xijie Wang, Technical University of Dortmund**

Title: Science enabled by MeV-UED and future opportunities

11:20 - 11:50 **Harald Sinn, EuXFEL**

Title: True lasing at European XFE

11:50 - 12:05 **Closing Remarks**