



# Scientific Opportunities with very Hard XFEL Radiation

## Thursday 19 January 2023

**Poster Session: Poster Session - Canteen (18:00 - 19:30)**

[id] title	presenter	board
<b>[5] Ultrafast X-ray Diffraction and Scattering at the Femtosecond X-ray Experiment (FXE) Instrument at the EuropeanXFEL: present status and future perspectives</b>	VINCI, Doriana	
<b>[65] Towards a superconducting undulator afterburner for the European XFEL</b>	Dr SINN, Harald	
<b>[66] Ultrafast Pair Distribution Function Measurements of Local Structural Dynamics in CuIr<sub>2</sub>S<sub>4</sub></b>	GRIFFITHS, Jack	
<b>[12] The Structure of USP7 at Ambient Temperature by Using X-ray Crystallography</b>	AŞCI, Bengisu	
<b>[13] Structural Studies of Traf6 Inhibition</b>	GÜVEN, Ömür Ms YAPICI, İlkin	
<b>[17] Accuracy and limitations of XFEL structure determination inferred from X-ray pump X-ray probe studies</b>	INOUE, Ichiro	
<b>[21] An ambient Temperature crystal structure of bacterial CyaY Determined at Turkish Light Source</b>	SHAFIEI, alaleh	
<b>[36] Swedish Materials Science Beamline (SMS) at PETRA III: In-line branch (P21.2)</b>	LIENERT, Ulrich	
<b>[14] Near-Physiological-Temperature Serial Femtosecond X-ray Crystallography Reveals Novel Conformations of SARS-CoV-2 Main Protease Active Site</b>	ERTEM, Fatma Betul	
<b>[4] High Energy Laue X-ray Emission Spectrometer at the European XFEL</b>	Dr HUANG, Xinchao	
<b>[15] Enhanced Metallophilicity in Stimuli-responsive Dimer Complexes using Hard X-ray WAXS and HERFD-XAS</b>	PAUL DUTTA, Sharmistha	
<b>[19] XFEL MHz imaging of ultrasonic exfoliation of 2D functional materials</b>	Prof. MI, Jiawei	
<b>[24] Considerations for CRL pre-focusing optics at the MID instrument in hard X-ray range above 30 keV</b>	ZOZULYA, Alexey	
<b>[6] Rapid and High Resolution Ambient Temperature Structure Determination at Turkish Light Source</b>	GUL, Mehmet Ms YILMAZ, Merve	
<b>[11] Development New Generation of Imatinib Using Structural Biology Techniques at Ambient Temperature</b>	KARAKADIOĞLU USTA, Gözde	
<b>[16] Ambient Temperature Structure of Large Ribosomal Subunit from Thermus Thermophilus</b>	Ms TOSUN, Bilge KULAKMAN, Cahine	
<b>[7] Rapid and High Resolution Ambient Temperature Structure Determination at Turkish Light Source</b>	Ms YILMAZ, MERVE Mr GÜL, Mehmet	
<b>[9] Structural insight into the binding mode of sisomicin derivatives and gentamicin C2b to the decoding center of the 30S ribosomal subunit</b>	DESTAN, Ebru	
<b>[10] Towards Femtosecond Structural Dynamics of Small Unit Cell Systems and Non-Crystalline Materials</b>	STÖCKLER, Lise Joost	
<b>[18] The "Shock" Beamtime Allocation Group at beamline ID19 of the ESRF</b>	LUKIC, Bratislav	