

Proposal Number	Instrument	Spokesperson	Proposal Title
U002	Materials	Tao, Jing	Probing structure dynamics to unveil entangled interactions in quantum matters
U003	Materials	Gedik, Nuh	Investigation of Photo-induced Phase Transitions in Charge Density Waves
U005	HED/SS	Sokolowski-Tinten, Klaus	Searching for a liquid-liquid phase transition in rapidly super-cooled Silicon and Germanium
U007	Materials	Durr, Hermann	Tracking the Ultrafast Non-Equilibrium Energy Flow between Electronic and Lattice Degrees of Freedom in Crystalline FePt
U008	HED/SS	Chen, Zhijiang	Exploring the dependence of electron-ion energy coupling on ion temperature using double pulse excitation at the MeV-UED facility
U009	HED/SS	Heimann, Phil	The Formation and Structure of Warm Dense Silicon Dioxide
U011	Materials	Blancon, Jean-Christophe	Understanding ultrafast structural dynamics under external stimuli in 2D hybrid perovskites
U015	Materials	Talapin, Dmitri	Structural monitoring of nonequilibrium thermodynamics in self-assembled gold nanocrystals
U016	Materials	Guzelturk, Burak	Elucidating electron-phonon coupling pathways in semiconductor nanocrystals
U018	HED/SS	Sokolowski-Tinten, Klaus	What enables fast and reliable data storage in phase change materials?
U019	Materials	Reid, Alex	Understanding the magnetic stress in FePt nanoparticles
U020	Materials	Wen, Jianguo	Obtaining an atomistic view of transient structural criticality in a charge ordered ferrite
U021	Materials	Sood, Aditya	Probing the dynamics of electrically-induced insulator-metal phase transitions
U022	Materials	Raja, Archana	Structural dynamics of bandgap renormalization and interlayer thermal transport in 2D semiconductor heterostructures
U023	Materials	Wen, Haidan	Ultrafast structural dynamics in two-dimensional antiferromagnets FePS3 and NIPS3
U024	Materials	Gopalan, Venkatraman	Light-induced phase transition in a strongly correlated polar metal
U026	Materials	Lin, Ming-Fu	Real-Time Tracking of Atomic Motions and Phononic Relaxations in the Quasi-1D Giant Optical Polarizable Material Barium Titanium Sulfide
U028	Materials	Yazdani, Nuri Abraham	Engineering Intra-Band Carrier Relaxation Dynamics in Perovskite Nanocrystals
U029	Materials	Shen, Xiaozhe	Time-energy-and-momentum-resolved phonon spectroscopy by mega-electron-volt femtosecond electron diffuse scattering