

Materials (User)	HED/SS (User)	Gas Phase (User)	Liquid (User)	Machine Readiness/Prep	Setup	Safety Day
Materials (R&D)	HED/SS (R&D)	Gas Phase (R&D)	Liquid (R&D)	User Sample Screening	KHz Upgrade	

Proposal #	Spokesperson	Title
1010681	Sharon Philip	Implementation and testing of an aperture setup for solid state MeV-UED
1010667	Fuhao Ji	UED ePix benchmark experiment
1006471	Zongqi Shen	THz-excited chiral phonons in a 2D antiferromagnet
1006461	Archana Raja	Tuning Interlayer Charge and Thermal Transport in TMDC Heterostructures with Strain Engineering
1006451	Simon Marotzke	Ultrafast dynamics of charge correlations in a self-stacked van der Waals heterostructure
1006496	Vladimir Stoica	Elucidating the Light-induced Enhancement of Charge Density Waves in a Topological Semimetal
1006484	Min Gu Kang	Ultrafast control over competing charge orders in kagome lattice materials
1006446	Michael Zuerch	Ultrafast manipulation of chiral charge density waves
1006388	Shuai Wei	Anomalous fast dynamics in GeSe and GeTe
1006477	Nuri Yazdani	Enhanced Electron-Phonon Coupling in Soft, Disordered Perovskites
1006385	Burak Guzelturk	Ultrafast manipulation of freestanding thin ferroic films and their heterostructures
1011107	Fuhao Ji	Autonomous MeV-UED experimentation via Bayesian Algorithm Execution
1011058	Tianzhe Xu	Q magnification with compact PMS magnets
1006419	Sharon Philip	Out-of-plane polarization switching by interlayer sliding in 2D ferroelectric 3R-WS2
1006413	Mianzhen Mo	Benchmark interatomic potentials for fusion materials applications
1006478	Aditya Mohite	Refining ultrafast lattice dynamics in 2D hybrid perovskites through precise symmetry and distortion manipulation
1006450	Aditya Sood	Ultrafast Polarization Dynamics in Ferroelectrics
1011072	Xinxin Cheng	Developing small molecule crystallography capability at MeV-UED
1006392	Xinxin Cheng	Electron crystallography of small organic molecules: Probing structural dynamics of provitamin D upon UV excitation
1011086	Mohamed Othman	Advanced THz Deflectors for Attosecond UED timing
1006390	Alfred Zong	Deterministic control of nonequilibrium phase competition via in-situ strain
1011136	Meredith Henstridge	A Nonlinearly-Driven THz Antenna as a Time Tool for UED
1011059	Tianzhe Xu	Improving Q resolution with smaller cathode laser
1011107	Fuhao Ji	Autonomous MeV-UED experimentation via Bayesian Algorithm Execution
1006354	Benjamin Ofori-Okai	Determining the ultrafast structural evolution of nickel and carbon driven to extreme conditions
1006416	Mianzhen Mo	Probing the melting behavior of refractory W-Re alloys
1011136	Meredith Henstridge	A Nonlinearly-Driven THz Antenna as a Time Tool for UED
1011086	Mohamed Othman	Advanced THz Deflectors for Attosecond UED timing
1011057	Tianzhe Xu	Virtual Time Tool Based on RF measurements
1011122	Stephen Weathersby	Temporal Characterization of THz mixed electron beam/pump signals