Agenda Day 1 | 21 May 2024

Time	Topic	Speaker
8:00	**Check in / Log on**	
8:30	Attosecond XUV Probing of Spin Dynamics	Stephen Leone, UC Berkeley
9:05	TBD	Berkelbach, Columbia
9:40	Surface Plasmon Polaritons of MXenes	Sarah King, U Chicago
10:15	**BREAK**	
10:45	Hot Carrier Driven Processes on Electrode Surfaces	Tianquan (Tim) Lian, Emory
11:20	Chiroptical Excitation and Ultrafast Dynamics in Atomically Ordered Metals	Kenneth Knappenberger, Penn St
11:55	The Most Potent Snow Makers	Valeria Molinero, Utah
12:30	**LUNCH**	
1:45	Chiral Induced Spin Selectivity and Its Application for Spin Control in Redox Chemistry	David Waldeck, Pittsburgh
2:20	Towards a Fundamental Theory of the Chiral Induced Spin Selectivity Effect	Joseph Subotnik, U Penn
2:55	**BREAK**	
3:25	TBD	Nuckolls, Columbia
4:00	Inverse chirality-induced spin selectivity effect in chiral assemblies of π-conjugated polymers	Dali Sun, NC State
5:00	**Adjourn for dinner (not provided)**	

Agenda Day 2 | 22 May 2024		
Time	**Topic**	**Speaker**
	Registration	
8:30	Molecular-level aspects of the electrostatic “reaction field” around solvated ionic structures through cryogenic spectroscopy	Mark Johnson, Yale
9:05	Role of Interfaces and Electrostatics for Chemical Transformations	Teresa Head-Gordon, UC Berk
9:40	Size-Dependent Condensation and Oxidation Reactions in Aqueous Microdroplets	Vicki Grassian, UCSD
10:15	**BREAK**	
10:45	Recent Progress of Polariton Chemistry Research	Wei Xiong, UCSD
11:20	Molecular Cavity Quantum Electrodynamics and Polariton Chemistry	Frank Huo, Rochester
11:55	Photocurrent readout of polaritons: Physical evidence for long range exciton transfer	Mike Arnold, University of Wisconsin-Madison
12:30	**LUNCH**	
1:45	TBD	Prince, AFRL
2:20	Program Status Update	Michael Berman, AFOSR
2:55	**BREAK**	
3:10	Poster Session	
5:00	**Adjourn for dinner (not provided)**	

Agenda Day 3 | 23 May 2024		
Time	**Topic**	**Speaker**
	Registration	
8:30	Dynamics, Structure, and Interactions in Thin Films and Bulk RTILs	Michael Fayer, Stanford
9:05	Plasmon-enhanced photocatalysis for green and sustainable hydrogen production	Peter Nordlander, Rice
9:40	Ultrafast Hot Electron Cooling Dynamics in Plasmonic Nanostructures and Single Molecule Biophysics of Riboswitch Folding	David Nesbitt, Colorado
10:15	**BREAK**	
10:45	A General Method for Single Molecule Spectroscopy	David Patterson, UCSB
11:20	Quantum Chemistry for Quantum Logic	Eric Hudson, UCLA
11:55	Quantum Wigner molecules in semi-conductor quantum dots, TMD moiré materials & their superlattices, and polymeric electron zig-zag chains in inter quantum-dot couplers	Uzi Landman, Georgia Tech
12:30	**LUNCH**	
1:30	Exploring Multimetallic Molecules with Localized Multireference Methods	Laura Gagliardi, Chicago
2:05	Non-Equilibrium Flow Experiments in the GALCIT T5 Reflected Shock Tunnel: Aerothermochemistry Measurements and Modeling	Christopher Strand, Stanford
2:40	**BREAK**	
3:10	TBD	Vojvodic, U Penn
3:45	Stabilizing sub-nano catalysts for high temperature reactions of interest for fuel cooling	Scott Anderson, Utah
4:20	**Meeting Ends**	