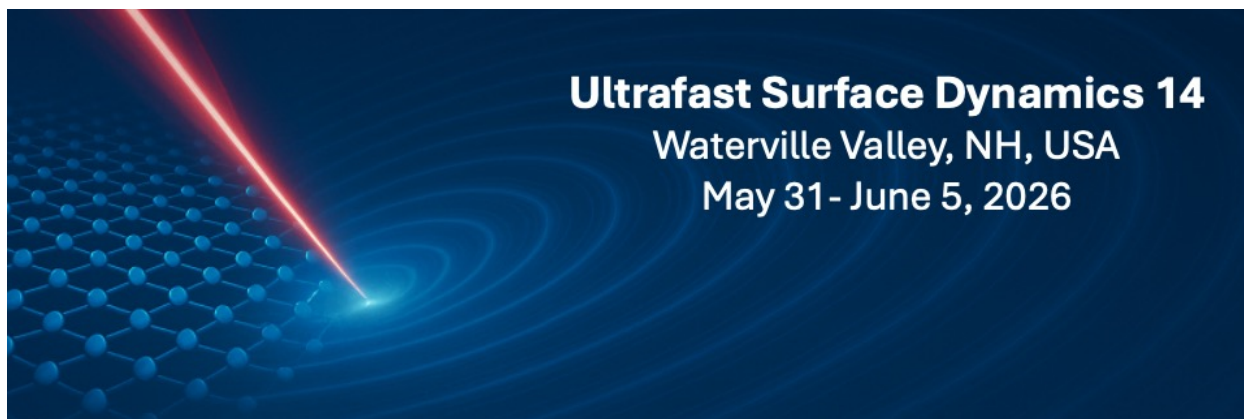




USD14

Early Career Symposium Program



SPECSGROUP



Sunday, May 31

Breakfast (7:30 – 8:30)

Exciton Dynamics (9:00 – 10:40)

Session Chair: Batyr Ilyas, UC Berkeley, USA.

1. 9:00 - 9:20 - Zachary Withers, Stony Brook University, USA. *Exciton localization and dynamics in $\text{MoSe}_2/\text{WS}_2$ heterostructures.*
2. 9:20 - 9:40 - Wiebke Bennecke, Universität Göttingen, Germany. *Hybrid Frenkel–Wannier excitons facilitate ultrafast energy transfer at a 2D–organic interface.*

Coffee Break (9:40 – 10:00)

3. 10:00 - 10:20 - Rishi Acharya, University of Illinois at Urbana-Champaign, USA. *Plasmon-driven exciton formation in a non-equilibrium Fermi liquid.*
4. 10:20 - 10:40 - Yuze Liu, University of Michigan, USA. *Stimulated moiré phonon scattering and coherent moiré exciton-phonon transduction.*

Career Panel I (11:00 – 12:30) *Strategies for landing permanent positions in basic research.*

Panelists: Alice Kunin (Princeton University), Alexander Von Hoegen (The Ohio State University), Benjamin Stadtmüller (University of Augsburg), Alfred Zong (Stanford University)

Lunch and Discussion / Networking at Poster Session (12:30 – 15:00)

Low-Energy Dynamics (15:00 – 16:40)

Session Chair: Yifan Su, Columbia University, USA.

5. 15:00 - 15:20 - Chuhan Liu, Brookhaven National Laboratory, USA. *Imaging GHz magnon dynamics with ultrafast electron microscopy.*
6. 15:20 - 15:40 - Frank Gao, The University of Texas at Austin, USA. *Giant dynamical magnetoelectric coupling in a van der Waals multiferroic.*

Coffee Break (15:40 – 16:00)

7. 16:00 - 16:20 - Jeongheon Choe, Columbia University, USA. *Coherent ferron emission and propagation.*
8. 16:20 - 16:40 - Zonqi Shen, Massachusetts Institute of Technology, USA. *Trefoil Floquet engineering of electronic polarization.*

Group Photo (16:40 – 17:00)

Career Panel II (17:00 – 18:30) *How to present and network effectively, from the elevator pitch to the job talk.*

Panelists: Sarah King (The University of Chicago), Fahad Mahmood (University of Illinois at Urbana-Champaign), Markus Scholz (DESY), Fabio Boschini (Institut National de la Recherche Scientifique)

Dinner and Discussion / Networking (18:30 – 20:00)

Advanced Ultrafast Microscopy Methods (20:00 – 21:00)

Session Chair: Henrik Wiedenhaupt (Fritz Haber Institute, Germany).

9. 20:00 - 20:20 - Vedran Jelic, University of Ottawa, Canada. *Time-resolved tunneling spectroscopy of ultrafast surface dynamics with single atom resolution.*
10. 20:20 - 20:40 - Adam Czarnecki, McGill University, Canada. *Probing nonlinear optics via ultrafast atomic force microscopy noise measurements.*
11. 20:40 - 21:00 - Shuyu Cheng, Massachusetts Institute of Technology, USA. *Temporospatial modulation of nematicity in FeSe.*