June 7th

19:30 Welcome

19:40-20:20 V. Ara Apkarian, invited, Spectromicroscopy with Atomically Confined Light

20:20-21:00 Xiaohui Qiu, invited, Cross-plane Thermal Conductance of Au/graphene/Au Heterojunctions

June 8th

9:00-9:40 Javier García de Abajo, invited, Plasmonics in atomically thin materials

9:40-10:20 Martin Aeschlimann, invited, Mixing the Light-Spin with Plasmon-Orbit by Non-Linear Light Matter Interaction

10:20-10:40 coffee break

10:40-11:20 C. B. Huang, invited, Revealing an optical spin skyrmion in the core of a surface plasmon vortex

11:20-12:00 R. Markus, invited, Ultrafast and Nonlinear Nanoscopy: Watching Quantum Dynamics in Time and Space

12:00-12:20 Zeno Schumacher, contributed, Ultrafast nonlinear optical response probed by atomic force microscopy

14:40-15:20 Jigang Wang, invited, Quantum Beats by Terahertz Symmetry Breaking: From Excitons, Polarons to Cooper Pairs (THz)

15:20-15:40 Oliver B. Wright, contributed, Imaging GHz surface phonons on phononic crystals, acoustic metamaterials and microstructures

15:40-16:00 Timm Rohwer, contributed, Defect-mediated Control of Charge Density Waves

16:00-16:20 coffee break

16:20-17:00 Cheng-Tien Chiang, invited, Photoemission with high-order harmonics at MHz

17:00-17:20 Henry Kapteyn, contributed, The Y-Fi VUVTM: A One-Box MHz rep-rate VUV Source for Surface and Chemical Dynamics Studies

19:00-21:00 Poster session

June 9th

9:00-9:40 Xiaoyang Zhu, invited, Excitons, phonons, and electrons in two-dimensional semiconductors and heterojunctions

9:40-10:20 Uwe Bovensiepen, invited, Local and non-local electron dynamics in layered material systems analyzed by time-resolved photoelectron spectroscopy

10:20-10:40 coffee break

10:40-11:20 Michael Bauer, invited, Ultrafast Dynamics in 2D and 3D Dirac Materials

11:20-12:00 Shiwei Wu, invited, Nonlinear optical response of massless Dirac fermions in graphene materials

12:00-12:20 T. Y. Chen, contributed, Second Harmonic Generation in a Fully Centro-Symmetric Plasmonic Nanocircuit

14:40-15:20 Yihua Wang, invited, Ultrafast electronic and magnetic dynamics in topological materials

15:20-16:00 Kaihui Liu, invited, Ultrafast Optical Spectroscopy of Individual Nanomaterials

16:00-16:20 H. Soifer, contributed, Band resolved imaging of photocurrent in a topological insulator

16:20-16:40 Coffee break

16:40-17:20 Haiming Zhu, invited, Charge and Energy Transfer Dynamics at 2D Ultimate Proximity

17:20-18:00 Fengqiu Wang, invited, Excited-states lifetime control in emerging low-dimensional materials.

18:00-18:20 Nan Pan, contributed, Magnetically-Sensitive Valley Polarization Reversal and Revival of Defect-Bound Excitons in WSe2-WS2 Heterostructure

19:00-21:00 Poster session

June 10th

9:00-9:40 Christian Heide, invited, Ultrafast control of electron inside of graphene and across solid-state interfaces

9:40-10:00 W. Pfeiffer, contributed, Final state effective mass affects attosecond photoemission delays in BiTeCl

10:00-10:20 A. Gebauer, contributed, Equivalence of RABBITT and Streaking Delays in Attosecond-Time-Resolved Photoemission Spectroscopy at Solid Surfaces

Coffee break

10:40-11:20 Sheng Meng, invited, Ultrafast carrier relaxation and Pauli drag effect in photoexcited solids

11:20-12:00 Jin Zhao, invited, *Ab initio* Nonadiabatic Molecular Dynamics Investigations on the Excited Carriers in Condensed Matter Systems

14:00-18:00 Conference outing

18:00-21:00 Conference dinner

June 11th

9:00-9:40 Martin Wolf, invited, Ultrafast dynamics in solids

9:40-10:20 Shijing Tan, invited, Anisotropic Optical Response of Black Phosphorus Studied by Multiphoton Photoemission Spectroscopy

10:20-10:40 Coffee break

10:40-11:20 Haiming Zhu, invited, Charge and Energy Transfer Dynamics at 2D Ultimate Proximity (photovoltaic)

11:20-12:00 Fengqiu Wang, invited, Excited-states lifetime control in emerging low-dimensional materials.

12:00-12:20 T. Suzuki, contributed, Ultrafast Carrier Dynamics in a Twisted Bilayer Graphene Quasicrystal

14:40-15:20 Xuefeng Guo, invited, Ultrafast single molecule electrical detection

15:20-15:40 Lisa Grad, contributed, Electron Dynamics on Cu2O(111) Probed with Time Resolved Two-Photon Photoemission

15:40-16:00 Helmut Zacharias, contributed, Exciton-induced Chemical Reactions on Surfaces

16:00-16:20 Coffee break

16:20-16:40 Kiyoshi Miyata,, contributed, Unique dielectric responses in lead-halide perovskites

16:40-17:00 Sebastian F. Maehrlein, contributed, Dialing into dynamically disordered lattice potentials in CsPbBr3 via 2D coherent phonon spectroscopy

17:00-17:20 Kunie Ishioka, contributed, Charge Separation Dynamics at Lead Halide Perovskite Interfaces Monitored by Differential Transient Transmission Spectroscopy

17:20-17:40 Daniel Niesner, contributed, Coupled spin and lattice dynamics in lead halide perovskites

18:10 Conference Banquet

After dinner Colloquium

19:40-20:20 Hrvoje Petek, invited, How to dress a metal

20:20-21:00 U. Hoefer, invited, Subcycle time-resolved ARPES of THz-driven Dirac currents in a topological surface band

Poster award

June 12th

9:00-9:40 Martin Weinelt, invited, Spin mixing and spin-wave excitations in 3d and 4f ferromagnetic metals

9:40-10:20 Ryuichi Arafune, invited, Spectroscopic investigation of Opto-spincurrent control

10:20-10:40 coffee break

10:40-11:20 Zhensheng Tao, invited, non-equilibrium laser-induced magnetic phase transition in Ni

11:20-11:40 S. Mathias, contributed, Coherent ultrafast spin transfer in ferromagnetic alloys