Monday, October 29

09:15 – 09:45 Registration & Poster session preparation

09:45 – 10:00 Sergej Flach, PCS IBS
& Marcelo Ciappina, ELI–Beamlines, Chech Rep.
Opening address

10:00 – 10:45 XueBin Bian, Wuhan Inst. of Physics and Math., CAS, China
Intra- and interband transitions in high-order harmonic generation from solids

10:45 – 11:15 Phillip Dienstbier, Univ. of Erlangen-Nuremberg, Germany
Coherent electron dynamics in photoemission from needle tips on ultrashort timescales

11:15 – 12:00 Oren Cohen, Technion - Israel Institute of Technology, Israel
Selection rules and their applications in high harmonic generation

12:00 – 13:00 Lunch

13:45 – 14:30 Luca Argenti, University of Central Florida, USA
New time-dependent ab-initio close-coupling programs for atomic and molecular ionization

14:30 – 15:15 Hanieh Fattahi, MPI of Quantum Optics, Germany
Towards molecular fieldoscopy

15:15 – 15:45 Coffee break

15:45 – 16:30 Rui Silva, Universidad Autónoma de Madrid, Spain
Study of non-Markovian dynamics in organic polaritons induced by a multimode coherent field

16:30 – 17:15 Sang-Kil Son, CFEL-DESY, Germany
Ultrafast dynamics of atoms and molecules with x-ray free-electron lasers

17:15 – 18:00 Ya Cheng, Shanghai Inst. of Optics and F. Mech., CAS, China
Attosecond physics in air lasing

18:00 – 20:00 Welcome reception

Tuesday, October 30

09:30 – 10:15 Sivarma Krishnan, Indian Inst. of Technology Madras, India
Photoelectron imaging of Helium nanodroplets and opportunities for nanoscale attosecond dynamics

10:15 – 10:45 Coffee break

10:45 – 11:15 Cheng Jin, Nanjing Univ. of Science and Technology, China
Analysis of the defocusing-assisted phase matching in extended high harmonic generation

11:15 – 12:00 Tran Trung Luu, ETH Zurich, Switzerland
Extreme ultraviolet high harmonic spectroscopy of condensed matters

12:00 – 13:00 Lunch

13:30 – 13:45 Workshop picture

13:45 – 14:30 Erik Lötstedt, University of Tokyo, Japan
Time-dependent multiconfiguration methods for the simulation of laser-atom and laser-molecule interaction

14:30 – 15:15 Esa Räsänen, Tampere University of Technology, Finland
Optimal control of strong-field processes with realistic waveforms

15:15 – 16:00 Hirofumi Yanagisawa, LMU Munich, Germany
Optical control of coherent electron wave emission

16:00 – 16:30 Coffee break

16:30 – 18:00 Poster session

18:00 – 20:00 Poster session dinner

Wednesday, October 31

09:30 – 10:15 Thomas Fennel, University of Rostock, Germany
Waveform-controlled electron acceleration with near fields: clusters vs. tips

10:15 – 10:45 Coffee break

10:45 – 11:15 Zsuzsanna Pápa, Wigner Res. Centre for Physics, Hungary
Plasmon excitation probed by femtosecond time-resolved ellipsometry

11:15 – 12:00 Reika Kanya, University of Tokyo, Japan
Determination of collision times in laser-assisted electron scattering by single-cycle and multi-cycle laser pulses

12:00 – 13:00 Lunch

13:00 – 19:00 Excursion
Gapsa (갑사) temple area
Gongsanseong (공산성) fortress area
Gongju (공주) museum
Gongju (공주) traditional hanok village

19:00 – 21:00 Workshop banquet

Thursday, November 1

09:30 – 10:15 Michael Krüger, Weizmann Institute of Science, Israel
Attosecond probing of nanoplasmonic fields

10:15 – 10:45 Coffee break

10:45 – 11:15 Stefan Schlauderer, University of Regensburg, Germany
Subcycle dynamics of terahertz lightwave electronics

11:15 – 12:00 Liang-You Peng, Peking University, China
High-order harmonic generation in solids

12:00 – 13:00 Lunch

13:30 – 14:15 Thomas Pfeifer, MPI for Nuclear Physics, Germany
Approaching nano-scale dynamics from below: Excited few-electron systems in strong fields

14:15 – 15:00 Emilio Pisanty, Institute of Photonics Sciences, Spain
Conservation of torus-knot angular momentum in high-harmonic generation

15:00 – 15:30 Coffee break

15:30 – 16:15 Themistoklis Sidiropoulos, Inst. of Photonics Sci., Spain
Attosecond dispersive soft X-ray absorption fine structure spectroscopy in semi-metals

16:15 – 17:00 Andrea Trabattoni, CFEL-DESY, Germany
Attosecond electron dynamics in nanosystems

17:00 – 17:45 Caterina Vozzi, Institute for Phot. and Nanotech., Italy
Novel approaches in high-order harmonic spectroscopy

17:50 – 18:50 Dinner

Friday, November 2

09:30 – 10:15 Giulio Vampa, SLAC National Accelerator Laboratory, USA
Nanoscale control of high-harmonic generation from crystals

10:15 – 10:45 Coffee break

10:45 – 11:15 Junhyeok Bang, KBSI, Korea
Coherent dynamics and dephasing-induced ultrafast charge transfer in van der Waals heterostructures

11:15 – 12:00 Toru Morishita, University of Electro-Communications, Japan
Photoionization of hydrogen in a strong static electric field

12:00 – 13:00 Lunch

13:15 – 14:00 Martin Schultze, MPI of Quantum Optics, Germany
Strong field driven electron and spin dynamics

14:00 – 14:45 Uwe Thumm, Kansas State University, USA
Photoemission from solid surfaces and nanoparticles with attosecond-nanometer spatiotemporal resolution

14:45 – 15:15 Coffee break & Poster removal

15:15 – 16:00 Amelle Zaïr, King's College London, UK
Controlling high harmonics electronic quantum path interferences to probe attosecond dynamics in atoms and molecules

16:00 – 16:30 Isabella Floss, Vienna University of Technology, Austria
Multi-scale simulation of high harmonic generation in condensed matter

16:30 – 17:00 Dominik Schulze, M.L. Univ. Halle-Wittenberg, Germany
Ultrafast spin dynamics and high-order harmonic generation in 2D systems

17:00 – 17:45 Péter Dombi, Wigner Research Centre for Physics, Hungary
Nanooptical near-field probing with ultrafast photoemission

17:45 – 18:00 Closing remarks