

Monday, April 23

- 11:00 – 12:00 Registration & Poster session preparation
- 12:00 – 13:00 Lunch
- 14:20 – 14:30 Sergej Flach, PCS IBS
Opening address
- 14:30 – 14:40 Scientific Coordinators
Opening remarks
- 14:40 – 15:20 Mikyoung Lim, KAIST, Korea
*Series solution to interface problems
using the geometric function theory*
- 15:20 – 15:50 Coffee break
- 15:50 – 16:30 Young Chul Jun, UNIST, Korea
Excitonic perfect absorbers in the visible region
- 16:30 – 17:10 Jihun Kang, Seoul National University, Korea
*Propagation of surface polaritons
in low-dimensional materials*
- 17:10 – 17:50 Q-Han Park, Korea University, Korea
Universal impedance matching and non-local metamaterials
- 18:00 – 20:00 Welcome reception

Tuesday, April 24

- 09:30 – 10:10 Dai-Sik Kim, Seoul National University, Korea
Light matter interaction on quantum matters
- 10:10 – 10:40 Coffee break
- 10:40 – 11:20 Jung-Wan Ryu, PCS IBS
Whispering gallery modes in deformed dielectric cavities via transformation optics
- 11:20 – 12:00 Lei Zhou, Fudan University, China
High-efficiency, multifunctional, and tunable metasurfaces
- 12:00 – 13:00 Lunch
- 14:00 – 14:40 Nicolae Panoiu, University College London, UK
Nonlinear optics in structured graphene and other 2D materials
- 14:40 – 15:20 Seungwoo Lee, Sungkyunkwan University, Korea
Soft matter for meta-optics
- 15:20 – 15:50 Coffee break
- 15:50 – 17:00 Poster session
- 17:00 – 18:00 Olivier Martin, EPFL, Switzerland
*Colloquium Plasmonics:
From materials to artificial colors and metasurfaces*
- 18:00 – 20:00 Colloquium dinner

Wednesday, April 25

- 10:00 – 10:40 Jonathan Schuller, Univ. of California, Santa Barbara, USA
*Reconfigurable metasurface devices
with semiconductor heterojunctions*
- 10:40 – 10:50 Workshop picture
- 10:50 – 11:20 Coffee break
- 11:20 – 12:00 Jwa-Min Nam, Seoul National University, Korea
Quantitatively tunable plasmonic nanogap particles
- 12:00 – 13:00 Lunch
- 13:00 – 19:00 Excursion
Gongsanseong (공산성) temple area
Gongju (공주) museum & traditional hank village
optionally: tea ceremony or wish bell experience
- 19:00 – 21:00 Workshop banquet

Thursday, April 26

- 09:30 – 10:10 Guixin Li, Southern Univ. of Science and Technology, China
Geometric phase and nonlinear photonic metasurfaces
- 10:10 – 10:40 Coffee break
- 10:40 – 11:20 Tie Jun Cui, Southeast University, China
*Metamaterial – from effective material
to real-time information processing system*
- 11:20 – 12:00 Chengwei Qiu, National University of Singapore, Singapore
*Structured 2D surfaces hybridizing 2D materials
and metasurfaces*
- 12:00 – 13:00 Lunch
- 14:00 – 14:40 Bumki Min, KAIST, Korea
Time-variant metasurfaces as a frequency converting platform
- 14:40 – 15:20 Zee Hwan Kim, Seoul National University, Korea
*Atomic-scale plasmonic hot-spots: spectroscopic evidences
and possible photo-chemical activities*
- 15:20 – 15:50 Coffee break
- 15:50 – 16:30 Olivier Martin, EPFL, Switzerland
Plasmonic metasurfaces in the linear and nonlinear regimes
- 16:30 – 17:10 Myung-Ki Kim, Korea University, Korea
Plasmonic engineering in subwavelength space
- 17:10 – 17:45 Discussions
- 17:50 – 18:50 Dinner

Friday, April 27

- 09:30 – 10:10 Andrea Alù, City University of New York, USA
*New frontiers for wave manipulation
using time-modulated metamaterials*
- 10:10 – 10:40 Coffee break & Poster removal
- 10:40 – 11:20 Junsuk Rho, POSTECH, Korea
*Peptide encoded gigantic chirality evolution
in three-dimensional plasmonic helicoids*
- 11:20 – 12:00 Closing remarks
- 12:00 – 13:00 Lunch
- 13:00 – 18:00 Discussions