

Conference Program

Venue: Wenhua Activity Center, Sichuan University

Apr. 7, Saturday

Registration	
17:30-19:00	Reception
19:30-21:00	Tutorial Session (by Stefan Maier)

Apr. 8, Sunday

8:00-8:30	Opening Ceremony, Chairperson: Hong ZHANG		
Session Chairpersons: Frank KOPPENS, Zhenchao DONG			
8:30-9:00	Joachim KRENN	Plasmonic Nanowires	University of Graz, Austria
9:00-9:30	Tao LI	Steering Plasmons on Metal Surface	Nanjing University, China
9:30-9:55	Zee Hwan KIM	Driving and Monitoring Photo-Reactions with Gap-Plasmons	Korea University, Korea
9:55-10:20	Laura LIU	Smart Nanoplasmonics for Chemistry and Biology	Rice University, USA
10:20-10:40	Coffee Break		
Session Chairpersons: Frank KOPPENS, Zhenchao DONG			
10:40-11:10	Javier AIZPURUA	Close Encounters Between Nanoantennas: Quantum Plasmonics	DIPC, San Sebastian, Spain
11:10-11:40	Jennifer DIONNE	Quantum Plasmon Resonances of Individual and Coupled Metallic Nanoparticles	Stanford University, USA
11:40-12:00	Xifeng REN	Integrated surface plasmon based polarizer and polarization beam splitter	University of Science and Technology of China, China
12:00-12:15	Junxue FU	Ag Nanorods Prepared by Localized Oblique Angle Deposition as SERS-active Substrate	Hong Kong Baptist University, China
12:15-12:30	Tha í LIRA TAVARES DOS SANTOS	Effects of Geometry, Substrate and Angles of Incidence on Resonant Properties of Gold Nanoparticles	Federal University of Par á Brazil
12:30-14:00	Lunch Break		

The 2nd International Conference on Frontiers of Plasmonics (FOP2)

Session Chairpersons: Zee Hwan KIM, Tahsin AKALIN			
14:00-14:30	Naomi HALAS	Plasmonic Nanosystems: Realizing the Alzar Model and Exploiting Optical Frequency Magnetism	Rice University, USA
14:30-15:00	Din Ping TSAI	Active Surface Plasmon And Toroidal Resonance In Three Dimensional Magnetic Metamaterials	National Taiwan Univeristy, Taiwan, China
15:00-15:25	Zhenchao DONG	Plasmon Mediated Single Molecular Electroluminescence	University of Science and Technology of China, China
15:25-15:45	Deyin WU	SERS and Molecular Plasmonics of Adsorbed Molecules in Metal Nanogaps	Xiamen University, China
15:45-16:00	Huigao DUAN	Charge Transfer Plasmons Across A Few-atoms-wide Bridge	A*STAR, Singapore
16:00-16:20	Coffee Break		
Session Chairpersons: Zee Hwan KIM, Tahsin AKALIN			
16:20-16:50	Frank KOPPENS	Graphene: a new platform for capturing and manipulating light at the nanoscale	Institut de Ciències Fotòniques (ICFO), Spain
16:50-17:20	Hui WANG	Geometry Control and Optical Tunability of Metal-Semiconductor Core-shell Hybrid Nanoparticles	University of South Carolina, USA
17:20-17:40	Jixiang FANG	Mesostructures for enhanced light/matter coupling: synthesis and applications	Xi'an Jiaotong University, China
17:40-17:55	Rongyao WANG	Chiral plasmonic nanosors and its circular dichroism probe for cysteine	Beijing Institute of Technology, China
17:55-18:10	Zhenghua AN	Plasmonic photocoupler design for multicolor infrared photodetectors	Fudan University, China
18:10-20:30	Dinner & Invited Dinner for Speakers		

Apr 9, Monday

Session Chairpersons: Wolfgang FRITZSCHE, Tamitake ITOH			
8:30-9:00	Zhongqun TIAN	Plasmon-enhanced Raman spectroscopy	Xiamen University, China
9:00-9:30	Stefan MAIER	Plasmonic Nanoantennas: New design principles and new applications	Imperial College London, UK
9:30-9:55	Lei ZHOU	Gradient meta-surfaces to bridge propagating waves and surface waves	Fudan University, China
9:55-10:20	Ruwen PENG	Transparent Metals for Ultrabroadband Electromagnetic Waves	Nanjing University, China

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10:20-10:40	Coffee Break		
Session Chairpersons: Wolfgang FRITZSCHE, Tamitake ITOH			
10:40-11:10	Mikael KÄLL	Directional plasmonic nanoantennas for spectroscopy and sensing	Chalmers University of Technology, Sweden
11:10-11:40	Q-Han PARK	Effective medium theory for resonant plasmonic particles	Korea Univeristy, Korea
11:40-12:00	Mengtao SUN	Plasmon-driven chemical reaction in HV-TERS	Institute of Physics, CAS, China
12:00-12:15	Wei ZHANG	Optical properties of super-nanostructures: Hybrid exciton, nonlinear Fano effect, and size-dependent circular dichroism absorption	Institute of Applied Physics and Computational Mathematics, Beijing
12:15-12:30	Benfeng BAI	Novel-concept refractometric nanosensors based on plasmonic nanostructures	Tsinghua University, China
12:30-14:00	Lunch Break		
Session Chairpersons: Lei ZHOU, Ruwen PENG			
14:00-14:30	Stephan LINK	Collective Plasmon Modes in Nanoparticle Assemblies: Role of Disorder, Energy Transport, and Active Modulation	Rice University, USA
14:30-14:55	Hongxing XU	On-chip integrated nanoplasmonic circuits and devices for optical computing	Institute of Physics, CAS, China
14:55-15:20	Hairong ZHENG	Substrate Configuration and Surface Enhanced Spectroscopy	Shaanxi Normal University, China
15:20-15:45	Tamitake ITOH	Experimental evaluation of electromagnetic enhancement and blinking in surface-enhanced Raman scattering	National Institute of Advanced Industrial Science and Technology (AIST), Japan
15:45-16:00	Gao LEI	Transparency through a metallic film and non-Reyleigh scattering with anisotropy particles	Soochow University, China
16:00-16:20	Coffee Break		
Session Chairpersons: Lei ZHOU, Ruwen PENG			
16:20-16:50	Javier Garc á de Abajo	Graphene plasmonics	IQFR-CSIC, Spain
16:50-17:20	Wolfgang FRITZSCHE	Noble metal nanoparticles as window into the nanoworld	Institute of Photonic Technology (IPHT) Jena, Germany
17:20-17:45	Tahsin AKALIN	State of the Art and Applications of THz Plasmonics and Metamaterials	IEMN-CNRS, Lille 1 University, France
17:45-18:10	Atsushi ONO	Applied plasmonics based on Kretschmann configuration	Shizuoka University, Japan
18:10-18:50	Buffet		

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18:50-20:50	<i>Poster session & Snacks + Drink</i>
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Apr 10, Tuesday

Session Chairpersons: Atsushi ONO, Min QIU			
8:30-9:00	Peter NORDLANDER	Fano resonances in plasmonic nanostructures	Rice University, USA
9:00-9:30	Minghui HONG	Realization of Variable Three-dimensional Terahertz Metamaterials Tubes for Passive Resonance Tunability	National University of Singapore, Singapore
9:30-9:55	Zhenlin WANG	Ultra-Thin Dielectric Coating on Metal Nanoparticles for Surface-Enhanced Fluorescence and Raman Spectroscopy	Nanjing University, China
9:55-10:20	Zhiyuan LI	Trapping, Manipulation, and Patterning of Gold Nanoparticles by Optical Tweezers	Institute of Physics, CAS, China
10:20-10:40	Coffee Break		
Session Chairpersons: Atsushi ONO, Min QIU			
10:40-11:10	Rainer HILLENBRAND	Real-space mapping of infrared plasmons on antennas, transmission lines and graphene	CIC nanoGUNE Consolider, San Sebastian, Spain
11:10-11:35	Xiaoguang Li	Quantum Plasmonics: Dynamical Interactions Between Plasmons and Other Excitations	Fudan University, China
11:35-11:55	Zhipeng LI	Propagating surface plasmons on silver nanowires	Capital Normal University, China
11:55-12:10	Chongjun JIN	Non-planar nano-arc-gap arrays fabricated via colloidal lithography	Sun Yat-Sen University, China
12:10-12:25	Zhiqiang GUAN	Excitations of surface plasmon polaritons in double layer metal grating structures	Institute of Physics, CAS, China
12:30-14:00	Lunch Break		
Session Chairpersons: Zhenlin WANG, Wei ZHANG			
14:00-14:30	Mu WANG	Switching the electric and magnetic responses of metallic microstructures at the same frequency: an approach to realize negative refractive index	Nanjing University, China
14:30-15:00	Jim SCHUCK	Putting Plasmonic Probes in Perspective: The Case for the Campanile Tip	Lawrence Berkeley National Laboratory, USA
15:00-15:25	Min QIU	Plasmonic photothermal effects and their applications	Zhejiang University, China
15:25-15:45	Xianggang QIU	Tuning asymmetry parameter of Fano resonance of spoof surface plasmons by modes coupling	Institute of Physics, CAS, China

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15:45-16:00	Raymond OOI	Surface Polariton Resonances with Magnetic Materials	University of Malaya, Malaysia
16:00-16:20	Coffee Break		
Session Chairpersons: Zhenlin WANG, Wei ZHANG			
16:20-16:50	Ququan WANG	Enhanced Transmission and Emission in Active Plasmonic Hybrids	Wuhan University, China
16:50-17:20	Shijie XU	Enhanced Raman scattering from self-assembled Si nanoclusters grown on siC: Spectrum and Imaging	University of Hong Kong, China
17:20-17:45	Chunlei DU	Recent Progress on super-focusing Plasmonic lenses	Institute of Optics and Electronics, CAS, China
17:55-18:10	Pavel DOROZHKIN	Recent instrumental advances in scanning near-field optical microscopy and tip enhanced Raman scattering	NT-MDT, Russia
18:10-19:30	Dinner		
19:30-21:00	Tutorial Session (by Rainer Hillenbrand)		

Apr 11, Wednesday

Session Chairpersons: Bjoern REINHARD, Christy LANDES			
8:30-9:00	Katherine WILLETS	Super-resolution imaging of plasmonic nanoparticle hot spots	The University of Texas at Austin, USA
9:00-9:30	Che Ting CHAN	Strong light induced forces in plasmonic resonating systems	Hong Kong University of Science and Technology, China
9:30-9:55	Xuanming DUAN	Plasmonic Metamaterials Fabricated by Multiphoton Photoreduction	Technical Institute of Physics and Chemistry, China
9:55-10:20	Bin REN	From Single Nanoparticles to Tip-enhanced Raman Spectroscopy	Xiamen University, China
10:20-10:40	Coffee Break		
Session Chairpersons: Bjoern REINHARD, Christy LANDES			
10:40-11:10	Yoram SELZER	Plasmonic Controlled Molecular Junctions	Tel Aviv University, Israel
11:10-11:40	Yiping ZHAO	Designing Three-Dimensional Silver Nanorod Arrays for Surface Enhanced Raman Scattering Applications	University of Georgia, USA
11:40-12:00	Hui LIU	Manipulating microparticles by laser-induced vapor bubble on metal film	Nanjing University, China

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12:00-12:15	Yuan Hsing FU	Generating and Manipulating Higher Order Fano Resonances in Dual-Disk Ring Plasmonic Nanostructures	A-STAR, Singapore
12:15-12:30	Yun LAI	Bending waveguides made of anisotropic epsilon-near-zero metamaterials	Soochow University, China
12:30-14:00	Lunch Break		
Session Chairpersons: Bin REN, Yoram SELZER			
14:00-14:30	Björn REINHARD	Optoplasmonic Molecules and Superlenses	Boston University, USA
14:30-15:00	Gilad HARAN	Symmetry and the plasmonic molecule	Weizmann Institute of Science, Israel
15:00-15:25	Jinglei DU	Surface-plasmon-polaritons-assisted nanolithography with high exposure depth	Sichuan university, China
15:25-15:40	Qiluan Cheng	Fourier optics theory for invisibility cloaks and optical illusions	Wuhan University, China
15:40-15:55	Thomas SIEGFRIED	Hidden Fano resonances enable crescent type SERS enhancement	Paul Scherrer Institute, Switzerland
15:55-16:20	Coffee Break		
Session Chairpersons: Bin REN, Yoram SELZER			
16:20-16:50	Christy LANDES	3D Transport in Charged and Crowded Environments	Rice University, USA
16:50-17:05	Paerhatijiang TUESSUN	LSPR Biosensing Properties of Metal Nanoparticle Arrays	Xidian University, China
17:05-17:20	Peijie WANG	The study of electron charging of Ag/Au core shell nanorode by SERS	Capital Normal University, China
17:20-18:00	Closing Ceremony		
18:00-20:30	Banquet		