

Program for VC-NST 2020 <i>Virtual Conference on Nanoscale Science and Technology</i> March 15-17 (UTC/GMT+08:00) <i>Please note that the time below is subject to UTC/GMT+08:00(Beijing time)</i>		
SUN Mar. 15		
OPENING TALK 15:50-16:00	Zhiming Wang (IFFS-UESTC)	
Session: Plasmonic Photonics I Chair: Peng Yu		
16:00-16:25	A01: Control over emissivity for infrared stealth with thermal management	Qiang Li Zhejiang University, China
16:25-16:50	A02: Opto-electro-thermal investigation of radiative cooling devices	Xiaofeng Li Soochow University, China
16:50-17:15	A03: Ultrafast and Efficient Transport of Hot Plasmonic Electrons by Graphene for Pt Free, Highly Efficient Visible-Light Responsive Photocatalyst	Dong-Kwon Lim Korea University, Korea

MON Mar. 16		
Session: General Chair: Zhiming Wang		
13:35-14:00	A04: Plasmonic structures and their applications	Dao Hua Zhang Nanyang Technological University, Singapore
14:00 -14:25	A05: TBD	Chennupati Jagadish, Australian National University, Australia
14:25 -14:50	A06: Microscopy characterisation of Lithium conducting solid electrolyte $\text{Li}_1 + x\text{Al}_x\text{Ge}_{2-x}(\text{PO}_4)_3$	Zongwen Liu University of Sydney, Australia

14:50 -15:15	A07: TBD	Han Zhang Shenzhen University, China
Session: Optical Sensing and Detection I Chair: Jiang Wu		
15:15 -15:40	A08: Recent advances of epitaxial InGaAs(Bi,P) thin films and SWIR photodetectors	Yi Gu Shanghai Institute of Technical Physics, CAS, China
15:40-16:05	A09: TBD	Jiang Tang Huazhong University of Science and Technology, China
16:05-16:30	A10: Novel infrared photodetectors manipulated by localized fields	Weida Hu Shanghai Institute of Technical Physics, CAS, China

MON Mar. 16		
Session: Light-matter Interaction Chair: Feng Lin		
20:10-20:35	A11: In-situ fabricated perovskite quantum dots for photonic and optoelectronic applications	Haizheng Zhong Beijing Institute of Technology, China
20:35-21:00	A12: Studies of Metal Halide Perovskite Nanocrystals at High Pressure	Guanjun Xiao Jilin University, China
21:00-21:25	A13: TBD	Jiming Bao University of Houston, USA
21:25-21:50	A14: 2D materials with chiral light-lattice interaction	Hanyu Zhu Rice University, USA

<i>TUE Mar. 17</i>		
Session: Plasmonic Photonics II Chair: Peng Yu		
9:00-9:25	A15: TBD	Alexander Govorov Ohio University, USA
9:25-9:50	A16: Harvesting Charge Carriers and Free Energy from Plasmonic Excitations	Prashant K. Jain University of Illinois – Urbana Champaign, USA
9:50-10:15	A17: Tip-enhanced strong coupling: Broadband room temperature nano-cavity QED with single emitters	Markus B. Raschke University of Colorado Boulder, USA
10:15-10:40	A18: Quantum Plasmonics: Trapping Single Erbium Emitters and Bright Upconversion by Light Induced Tunneling	Reuven Gordon University of Victoria, Canada
10:40-11:05	A19: Large-scale plasmonic metamaterials and their applications in the visible region	Ting Xu Nanjing University, China

<i>TUE Mar. 17</i>		
Session: Optical Sensing and Detection II Chair: Jiang Wu		
20:10-20:35	A20: TBD	Hao-Chung Kuo National Chiao Tung University, Taiwan
20:35-21:00	A21: Ultrafast charge transfer in heterostructures of two-dimensional materials	Giulio Cerullo Physics Department, Politecnico di Milano, Italy
Session: Emerging Solar Technologies Chair: Xin Tong		
21:00-21:25	A22: TBD	Federico Rosei INRS–EMT, Canada
21:25-21:50	A23: Interfacial passivation for perovskite solar cells	Jizheng Wang Institute of Chemistry, CAS, China