

# Program for EMN Open Access Week 2017

May 8th, Monday Afternoon		
14:00-17:00	Onsite registration & Sign up	
May 9th, Tuesday Morning		
Session: General I      Chair: Alexander O. Govorov		
09:00-09:35	S01: Silicon Chip-based Technologies for Interconnects, Computing and Sensing Applications	<b>Ray T. Chen</b> The university of Texas at Austin, Microelectronics Research Center, USA
09:35-10:00	S02: Superresolution in linear optical imaging	<b>Alexander Lvovsky</b> University of Calgary Canada
10:00-10:25	S03: Recent Progress of GaN based Blue and Green VCSEL for micro-Display application	<b>Hao-Chung Kuo</b> National Chiao-Tung University, Taiwan
10:25-10:45	Session Break	
Session: General II      Chair: Yu-Lun Chueh		
10:45-11:10	S04: Conversion of Light Energy into Heat and Hot Electrons Using Hybrid Nanostructures with Plasmonic Hot Spots	<b>Alexander O. Govorov</b> Ohio University, USA
11:10-11:35	S05: Semiconductor Nanowires for Optoelectronics and Energy Applications	<b>Chennupati Jagadish</b> The Australian National University, Australia
11:35-12:00	S06: Low-Temperature Growth of Two-Dimensional Layered Materials	<b>Yu-Lun Chueh</b> National Tsing Hua University, Taiwan
12:00-14:30	Lunch Break	

May 9th, Tuesday Afternoon		
Session: General III      Chair: Shuhui Sun		
14:30-14:55	S07: Understanding the role of surface states on transport in semiconductor nanowires	<b>Harry Eugen Ruda</b> University of Toronto Canada
14:55-15:20	S08: Switch in the electronic response and natural metamaterial behavior across the phase transition in W <sub>x</sub> V <sub>1-x</sub> O <sub>2</sub> films	<b>Mohamed Chaker</b> INRS, Canada
15:20-15:45	S09: MBE-grown single layer transition metal dichalcogenides: Line-defects, Interfaces, and Excitonic Condensates	<b>Matthias Batzill</b> University of South Florida, USA
15:45-16:00	Session Break	
Session: General IV      Chair: Mohamed Chaker		
16:00-16:25	S10: Novel Coupled Waveguide Lasers and LEDs in Non-Hermitian Systems	<b>Wei Guo</b> University of Massachusetts Lowell, USA
16:25-16:50	S11: Rational Design of Novel Nanostructured low-Pt and Pt-free catalysts for Hydrogen Fuel Cells	<b>Shuhui Sun</b> INRS, Canada
16:50-17:15	S12: Near-Infrared Excited Hybrid Nanoplatfoms: Synthesis, Characterization and Applications	<b>Fiorenzo Vetrone</b> INRS, Canada
17:15-17:40	S28: Emerging spintronics devices towards sustainable data storage technology applications	<b>Guozhong Xing</b> Nanyang Technology University, Singapore
18:00	Dinner Social	

May 10th, Wednesday Morning		
08:30-08:40	<b>Opening Speech of Fundamental and Frontier Forum</b>	
<b>Session: Fundamental and Frontier Forum    Chair: Liang Qiao</b>		
08:40-09:05	S13: Interfacial fluids: from macroscopic to microscopic	<b>Longquan Chen</b> Southwest Jiaotong University, China
09:05-09:30	S14: Bright single-photon sources based on positioned quantum dots in photonic nanostructures	<b>Jin Liu</b> Sun Yat-sen University, China
09:30-09:55	S15: Quantum entanglement swapping and Einstein-Podolsky-Rosen steering of Gaussian multipartite entangled states	<b>Xiaolong Su</b> Shanxi University China
09:55-10:20	S16: Extrinsic ion migration in perovskite solar cells	<b>Zhen Li</b> National Renewable Energy Laboratory, USA
10:20-10:45	S17: Nanostructured thin-film electrocatalysts for water splitting	<b>Yang Yang</b> University of Central Florida, USA
10:45-11:10	S18: Quantum Teleportation through a Metropolitan Fibre Networks	<b>Qiang Zhou</b> University of Calgary, Canada & UESTC
11:10-11:20	Session Break	
<b>Session: General V    Chair: Hao-Chung Kuo</b>		
11:20-11:45	S19: Graphene-induced large shift of surface plasmon resonances on gold films	<b>Jiming Bao</b> University of Houston, USA
11:45-12:10	S20: Multifunctional materials for electronics and photonics	<b>Federico Rosei</b> INRS, Canada
12:10-14:30	Lunch Break	

May 10th, Wednesday Afternoon		
<b>Session: General VI    Chair: Shenyun Wang</b>		
14:30-14:55	S21: Optical delay lines based on ultra-thin silicon waveguides	<b>Linjie Zhou</b> Shanghai Jiao Tong University, China
14:55-15:20	S22: Photonic and acoustic topological insulator	<b>Cheng He</b> Nanjing University, China
15:20-15:45	S23: Chiral surface relief fabricated by optical vortex illumination	<b>Katsuhiko Miyamoto</b> Chiba University Japan
15:45-16:00	Session Break	
<b>Session: General VII    Chair: Cheng He</b>		
16:00-16:25	S24: Generation and application of squeezed states of light	<b>Wei Li</b> Shanxi University, China
16:25-16:50	S25: Investigation of graphene patterns supported terahertz Fano resonance	<b>Xiaoyong He</b> Shanghai Normal University, China
16:50-17:15	S26: Metamaterial-inspired antenna array for microwave energy harvesting	<b>Shenyun Wang</b> Nanjing University of Information Science & Technology, China
18:00	Dinner Social	