

The 4th International Forum on Trends in Nano Manufacturing

Date: Oct. 26, 2016	Meeting room: G107	
Time	Speaker	Speaker's Position/Organization and Speech Title
13:30-14:15	Lars Montelius	<p>Director General for INL (International Iberian Nanotechnology Laboratory), professor in Nanotechnology at Lund University , President Elect of IUVESTA (the International Union for Vacuum Science, Technique and Applications), member of several European Technology Platforms (EuMaT, NanoFutures)</p> <p>Nanotechnology as a key driver for radical innovations</p>
14:15-15:00	Khershed P. Cooper	<p>Professor, Program Director for the Nanomanufacturing Program at National Science Foundation, Program Director for the NASCENT Nanosystems Engineering Research Center (NERC).</p> <p>Nanomanufacturing Research at the US National Science Foundation</p>
15:00-15:30	Tea Break/Poster Viewing	
15:30-16:00	Xianfan Xu	<p>James J. and Carol L. Shuttleworth Professor of Mechanical Engineering , Purdue University</p> <p>Nanoscale engineering for next generation data storage technology</p>
16:00-16:30	Anlian Pan	<p>Head of Key Lab for Micro-Nano Physics and Technology , Hunan University, China</p> <p>Band gap Engineering and Heterostructures: From 1D to 2D Semiconductor Systems</p>
16:30-17:00	Wanlin Guo	<p>Professor, Director of Institute of Nano Science in Nanjing University of Aeronautics and Astronautics (NUAA); Director of Key Laboratory of Intelligent Nano Materials and Devices of MoE in NUAA; Deputy Director of State Key Laboratory of Mechanics and Control of Mechanical Structures in NUAA;</p> <p>Two-dimensional nanomaterials beyond graphene</p>

17:00-19:00	Reception Dinner (Invitation Only)	
Date: Oct. 27, 2016	Meeting Room: G107	
Time	Speaker	Speaker's Position/Organization and Speech Title
08:30-09:15	James C. M. Hwang	Professor, Lehigh University, Life Member of IEEE Selected Examples of Past, Present and Future Trends in Manufacturing of Semiconductor Nanodevices
09:15-10:00	Brent Everett Little	Professor, State Key Laboratory for Transient Optics and Photonics, Xian Institute of Optics and Precision Mechanics, CAS, Xian, China Micro and Nano Fabrication Techniques for VLSI Photonics imaging and cardiac imaging
10:00-10:30	Tea Break / Poster Viewing	
10:30-11:10	Linsen Chen	Professor, Collaborative Innovation Center of Suzhou Nano Science and Technology, Soochow Univeristy Micro/nano optics for flexible functional devices: today and future
11:00-11:30	Jianning Ding	Professor, Vice President of Changzhou University Portable, flexible and stretchable electronics inspired nanomaterials and devices
11:30-12:00	GuoPing Guo	Professor, University of Science and Technology of China Strongly-coupled nanotube electromechanical resonators
12:00-13:15	Lunch	
13:30-14:15	Yong Chen	Professor, Ecole Normale Supérieure (ENS), Paris, France Institute of Biomedical Engineering and Technology, CAS, Suzhou, China Nano-manufacturing of extracellular-matrix mimicking devices
14:15-15:00	Peixuan Guo	Professor, Sylvan G. Frank Endowed Chair in Pharmaceuticals and Drug Delivery at Ohio State University

		Nanomotor and RNA Nanotechnology for Single Molecule Sensing, Drug Development, Biocomputer Modules, Material Industry and Nanomedicine
15:00-15:30	Tea Break / Poster Viewing	
15:30-16:00	Xiaorong Xu	Professor, University of Science and Technology of China Mutifunctional micro and nanobubbles for image-guided drug delivey
16:00-16:30	Jiankui He	Associate Professor, South University of Science and Technology of China A Total Internal Reflection Fluorescence Technology
16:30-17:00	Yang Zhang	Associate Professor, Hefei National Laboratory for Physical Sciences at the Microscale, University of Science and Technology of China Investigating coherent intermolecular dipole-dipole coupling with STM induced luminescence technique

Date: Oct. 28, 2016	Meeting Room: G107	
Time	Speaker	Speaker's Position/Organization and Speech Title
08:30-09:15	Benqiang Li	Professor, Xi'an Jiaotong University Structured Nanoparticles for Biophothermal and Energy Applications
09:15-10:00	Jian Liu	Professor, Harbin Institute of Technology Optical microscopy in nano-metrology and international standardization
10:00-10:30	Tea Break / Poster Viewing	
10:30-11:00	Huigao Duan	Professor, Hunan University, China "Sketch and Peel" Lithography
11:00-11:30	Hongbo Sun	Professor, Jilin University, China Micro-nanorobot enabled by femtosecond laser

		nanofabrication
11:30-12:00	Qingzhao Zhang	Technology Director of Equipment and Process , Institute of Microelectronics of Chinese Academy of Sciences (IMECAS) , China The application and equipment of the Micro/Nanofabrication technologies
12:00-13:15	Lunch	

Remark: The exact conference schedule will be provided on the day of conference. The Organizing Committee reserves the right of final interpretation.