

IEEE-NANOMED 2017

The 11th IEEE International Conference on Nano/Molecular Medicine and Engineering

December 1, Friday

Lia Charlton Hotel Shenzhen		
12:00-16:00	Registration	
16:00-17:00		Welcome Reception (for all registered participants)
17:00-18:00		



December 2, Saturday

Location	Demonstration Hall (1/F)		
08:30-08:40	Opening Ceremony		
08:40-09:30	Plenary Lecture 1: Gwo-Bin LEE "Detection of Bacteria on Microfluidic Systems"		Chair: Jin-Woo KIM
09:30-10:10	Keynote Lecture 1: Haewook HAN "Terahertz Near-Field Microscopy"		Chair: Jin-Woo KIM
10:10-10:30	Coffee Break, Foyer (1/F)		
Location	Demonstration Hall (1/F)	Lecture Theater (2/F)	B103 (1/F)
10:30-12:10	SS1: Bio-Sensing/ Microfluidics/Nanofluidics Chair: Gwo-Bin LEE	SS2: Intelligent Drug Delivery System & Therapeutical Technology Chair: Ning GU	SS3: Micro- & Nanotechnologies for Engineering Living Systems Chair: Jangho KIM
12:10-13:00	Lunch (for all registered participants)		
13:00-13:50	Plenary Lecture 2: Noo Li JEON "3D Microfluidic Platform for Organ on a Chip Applications and Beyond"		Chair: Jin-Woo KIM
13:50-14:30	Keynote Lecture 2: Da-Jeng YAO "Microfluidic Reproductive Medicine on a Chip"		Chair: Jin-Woo KIM
14:30-14:50	Coffee Break, Foyer (1/F)		
14:50-16:30	SS4: New Generation of Multifunctional Bio- Therapeutic Nanoparticles Chair: In-Kyu PARK	SS5: Micro/Nano Devices for Cancer Research Chair: Kin Fong LEI	SS6: Nano/Micro Systems for Biomedical Applications Chair: Zhan YANG
16:30-18:10	SS7: Bio-Nano Materials Chair: Kin Fong LEI	SS8: Cell Manipulation & 3D Bioprinting for Cancer Detection & Tissue Engineering Chair: Na LIU	
19:30-22:00	Organizers' Dinner (by Invitation Only)		

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December 3, Sunday

Location	Demonstration Hall (1/F)		
08:30-09:20	Plenary Lecture 3: Tony Jun HUANG Chair: Jin-Woo KIM <i>“Acoustofluidics: Merging Acoustics and Microfluidics for Biomedical Applications”</i>		
09:20-10:10	Plenary Lecture 4: John T.W. YEOW Chair: Jin-Woo KIM <i>“Micro/Nano Biomedical Imaging Devices”</i>		
10:10-10:30	Coffee Break, Foyer (1/F)		
10:30-11:20	Plenary Lecture 5: Yu SUN Chair: Wen J. LI <i>“Robotic Cell Manipulation: Surgery, Diagnostics, and Drug Screen”</i>		
11:20-12:00	Keynote Lecture 3: Pak Kin WONG Chair: Wen J. LI <i>“A Microfluidic Platform for Single Cell Antimicrobial Susceptibility Testing and Pathogen Identification”</i>		
12:00-13:00	Lunch (for all registered participants)		
13:00-13:40	Keynote Lecture 4: Edward K.-H. CHOW Chair: Lianqing LIU <i>“Drug-Delivery and Imaging Applications of Nanodiamonds”</i>		
13:40-14:20	Keynote Lecture 5: In-Kyu PARK Chair: Lianqing LIU <i>“Multi-Stimuli Regulated Nano-Micelles for Tumor-Targeted Therapy”</i>		
14:20-15:00	Coffee Break, Foyer (1/F)		
Location	Demonstration Hall (1/F)	Lecture Theater (2/F)	B103 (1/F)
15:00-17:00	SS9: Recent Platform Technologies for Nanobiosensor Chair: Hyun Ho LEE	SS10: Microfluidic System for Biomedical Applications Chair: Da-Jeng YAO	SS11: Micro/Nano Robotics for Biomedical Applications Chair: Yajing SHEN
18:00-22:00	Conference Banquet (for all registered participants)		

Poster Session at Foyer (1/F)



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December 4, Monday

Location	Demonstration Hall (1/F)		
08:30-09:20	Plenary Lecture 6: Larry A. NAGAHARA Chair: Wen J. LI <i>“Nanotechnologies in Healthcare: Current Challenges and Future Prospects”</i>		
09:20-10:10	Plenary Lecture 7: Chih-Ming HO Chair: Wen J. LI <i>“Small Data or Big Data for Personalized Medicine?”</i>		
10:10-10:30	Coffee Break, Foyer (1/F)		
10:30-11:20	Plenary Lecture 8: Mingjun ZHANG Chair: Jin-Woo KIM <i>“Photo-activated Peptide Nanoparticles for Cancer Therapy and Alzheimer’s Disease Diagnosis”</i>		
11:20-11:30	Break		
Location	Demonstration Hall (1/F)	Lecture Theater (2/F)	B103 (1/F)
11:30-13:10	SS12: Magnetic Nanomaterials & Tissue Engineering Chair: Ning GU	SS13: Micro-engineered Platform for Soft Matters and Cell Research Chair: Ting-Hsuan CHEN	SS14: Nano/Bio Sensing Chair: Vellaisamy A.L. ROY
14:00-16:00	Farewell Reception (for all registered participants)		



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