

2014 International Symposium on Convergence Technologies ConTech 2014

“Global Convergence for Healthy Living and Clean Environment”

- Date : 28th November (Friday), 2014
- Venue : Conference Room I , AICT, Suwon, Korea
- Hosted by : Seoul National University (SNU)
- Organized by : Advanced Institutes of Convergence Technology (AICT)

Time	Contents	Session Chair
09:00 - 09:30	Registration	
09:30	Session 1. Local Collaboration in Gyeonggi Province	
09:30 - 09:45	Opening Address	Sunghwa Choe (Vice President, AICT)
	Tai Hyun Park (President, AICT)	
	Dong Hwa Lee (Chairman, Economy, Science and Technology Committee, Gyeonggi Provincial Assembly)	
	Sung Soo Kim (Dean, College of Engineering, Kyung Hee University)	
09:45 - 10:10	Technology Innovation in Drug Discovery to Fight Global Disease Hakim Djaballah (CEO, Institut Pasteur Korea)	Ki Won Lee (Professor, AICT, Seoul National University)
10:10 - 10:35	Nanomaterials and Nanostructures for Proliferation and Differentiation of Stem Cells Jae-Ho Kim (Professor, Ajou University)	
10:35 - 11:00	Nanomaterials and Nanodevices for Human Monitoring Nae-Eung Lee (Professor, Sungkyunkwan University)	
11:00 - 11:25	Ultra-Sensitive Selective Fluorescence and Fluorescence-Free Detection of Biomolecules on Nanobiochips Seong Ho Kang (Professor, Kyung Hee University)	Yoon-Kyu Song (Professor, AICT, Seoul National University)
11:25 - 11:50	Engineered Convergence Systems for Medicinal Nanobiotechnology Jong Wook Hong (Professor, Hanyang University)	
11:50 - 12:00	Wrap up	
12:10 - 13:30	<Luncheon>	

Time	Contents	Session Chair
13:30	Session 2. RCAST-AICT Joint Symposium	
13:30 - 13:45	Opening Address	Sunghwa Choe (Vice President, AICT)
	Tai Hyun Park (President, AICT)	
	Sang Eun Kim (Dean, Graduate School of Convergence Science and Technology, Seoul National University)	
	Yukio Nishimura (Director General, RCAST)	
13:45 - 14:10	A RaPID Way to Discover a New Class of Drugs with Macrocyclic Scaffold and its Innovation Hiroaki Suga (Professor, RCAST & Graduate School of Science, The University of Tokyo)	Jong Hyo Kim (Professor, AICT, Seoul National University)
14:10 - 14:35	Process of DNA Decoding in Health and Disease Sunghoon Kim (Director, Medicinal Bioconvergence Research Center (BIOCON) & Professor, AICT, Seoul National University)	
14:35 - 15:00	Chemical Epigenetics: Chemical Visualization of Methylated DNA and Expressed RNA Akimitsu Okamoto (Professor, RCAST, The University of Tokyo)	
15:00 - 15:25	An Innovative Solution to a Problem in New Drug, Biopharmaceutical and Healthcare Product Development Joo Ho Tai (Principal Researcher, Center for Medical-IT Convergence Technology Research, AICT)	
15:25 - 16:00	<Coffee Break: AICT Gallery Tour>	
16:00 - 16:25	Micro/nano Robotics and Automation for Biomedicine and Tissue Engineering Koji Ikuta (Professor, RCAST, The University of Tokyo)	Jung In Choi (Director, Smart Grid Research Center, AICT)
16:25 - 16:50	Embryonic-like Stem Cells, Brain/Spine Injury Treatment and Primo Vascular System Kwang-Sup Soh (Director, Nano Primo Research Center, AICT)	
16:50 - 17:15	Global and Regional Aspects of Extreme Weather Events Hisashi Nakamura (Professor, RCAST, The University of Tokyo)	
17:15 - 17:40	A Study on Demand Management: Analyzing Energy Data Using Big Data System Ingyu Lee (Principal Researcher, Smart Grid Research Center, AICT)	
17:40 - 17:50	MOU Signing Ceremony between RCAST and AICT	
17:50 - 18:00	Closing	Y. Eugene Pak (Director, Institute of Nano Convergence, AICT)