SNU MSE

QS SUBJECT FOCUS SUMMIT

MATERIALS SCIENCE & ENGINEERING

"Convergence in Action: Materials Science & Engineering as The Central Subject"

Program Schedule

Opening : South Korea's Materials Science & Engineering Innovation System: Convergence in Action

Track 1: Managing Technological Convergence: Connecting Knowledge, Bridging Disciplines, Going Global

Track 2: Laying the Foundation for Interdisciplinary Learning: Teaching The Central Subject

Track 3: An Entrepreneurial Research Agenda: Meeting Social, Environmental and Economic Challenges

Day 1- Monday, June 13, 2016		
17:30~18:15	**Registration & Pre-dinner Drinks**	DaMokJuck Hall(#B101), Global Education Center for Engineers(Building 38), Seoul National University
18:15~18:20	**Welcome Address I**	**Prof. Nak-in Sung** (President, Seoul National University / Republic of Korea)
18:20~18:25	**Welcome Address II**	**Ms. Mandy Mok** (CEO, QS Asia Quacquarelli Symonds / Singapore)
18:25~18:30	**Welcome Address III**	**Prof. Kunwoo Lee** (Dean, College of Engineering, Seoul National University / Republic of Korea)
18:30~19:10	**Keynote Address** *Materials Science and Engineering as an Enabler of Social and Economic Development in the Next Industrial Revolution*	**Dr. Dongwha Kum** (Fellow, Korea Institute of Science and Technology (KIST) / Republic of Korea)
19:10	**Welcome Dinner @ DaMokJuk Hall(#B101)**	
20:40	**End of Welcome Dinner**	
Day 2- Tuesday, June 14, 2016		
08:30~09:00	**Registration**	**Grand Convention Hall (#520), Global Education Center for Engineers(Building 38), Seoul National University**
Track 1: Managing Technological Convergence: Connecting Knowledge, Bridging Disciplines, Going Global		
09:00~09:40	*Current status and prospect of SNU MSE research activities*	**Prof. Sang-Im Yoo** (Chair, Department of Materials Science and Engineering, Seoul National University / Republic of Korea)
09:40~10:20	*Advanced Nanomaterials for Water and Wastewater Treatment: From Laboratory Exploration to Industry Adoption*	**Prof. Ahmad Fauzi Ismail** (Deputy Vice Chancellor (Research & Innovation) & Director, Advanced Membrane Technology Research Center (AMTEC), Universiti Teknologi Malaysia (UTM) / Malaysia)
10:20~10:40	**Coffee Break**	
10:40~11:20	*Focusing Competences and Going International – Shaping the Future*	**Prof. Manfred Martin** (Director,Institute of Physical Chemistry, RWTH Aachen University / Germany)
11:20~12:00	*Design OF, FOR, WITH Materials*	**Prof. Yukihiro Shimogaki** (Professor/Department Head, Department of Materials Engineering, The University of Tokyo / Japan)
12:00~12:30	**Panel Discussion**	**Moderator: Prof. Kisuk Kang** (Associate Professor, Department of Materials Science and Engineering, Seoul National University/Republic of Korea)
12:30~13:30	**Networking Lunch and Showcase of MSE, SNU at Basement level 1 (B1) RakGuJung**	Basement level 1 (B1), RakGuJung Restaurant
Track 2: Laying the Foundation for Interdisciplinary Learning: Teaching The Central Subject		
13:30~14:10	*Experimental Teaching of Materials Science and Engineering for Undergraduate Education in THU*	**Prof. Yuan-Hua Lin** (Vice Dean, School of Materials Science & Engineering, Tsinghua University / China)
14:10~14:50	*A Centre for Doctoral Training in Theory and Simulation of Materials*	**Prof. Peter D. Haynes** (Head of Department, Department of Materials, Imperial College London / United Kingdom)
14:50~15:20	**Coffee Break**	
15:20~16:00	*Materials Science and Engineering: Foundation for Engineer Leaders*	**Prof. John Wang** (Head of Department, Department of Materials Science & Engineering, National University of Singapore / Singapore)
16:00~16:40	*Blurred Lines: Developing and Implementing Materials Science Curricula Against Shifting Paradigms*	**Prof. Paul Munroe** (Head of School, School of Materials Science and Engineering, University of New South Wales / Australia)
16:40~17:10	**Panel Discussion**	**Moderator: Prof. Ki-Bum Kim** (Professor, Department of Materials Science and Engineering, Seoul National University/Republic of Korea)
17:10	End	
Day 3- Wednesday, June 15, 2016		
Track 3: An Entrepreneurial Research Agenda: Meeting Social, Environmental and Economic Challenges		
08:30~09:00	**Registration**	**Grand Convention Hall (#520), Global Education Center for Engineers(Building 38), Seoul National University**
09:00~09:40	*The Long Way from Materials Development to Innovation*	**Dr.Oliver Kraft** (Vice President for Research, Karlsruhe Institute of Technology / Germany)
09:40~10:20	*Trends in ICT Industry and The Future of Semiconductor*	**Dr. Seok-Hee Lee** (Executive Vice President and DRAM Chief Operating Officer, SK Hynix Inc. / Republic of Korea)
10:20~10:50	**Coffee Break**	
10:50~11:30	*Materials Science: making an impact*	**Prof. Mark Blamire** (Head of Deparment, Department of Materials Science & Metallurgy, University of Cambridge/United Kingdom)
11:30~12:00	**Panel Discussion**	**Moderator: Prof. Euijoon Yoon** (Professor, Department of Materials Science and Engineering, Seoul National University/Republic of Korea)
12:00~12:30	**QS World University Rankings by Subject**	**Ms. Irene-Jay Shin** (Senior Researcher, QS Intelligence Unit / United Kingdom)
12:30~12:40	**Closing Address I**	**Ms. Mandy Mok** (CEO, QS Asia Quacquarelli Symonds / Singapore)
12:40~12:45	**Closing Address II**	**Prof. Kunwoo Lee** (Dean, College of Engineering, Seoul National University / Republic of Korea)
12:45~14:00	**Networking Lunch and Showcase of MSE, SNU at Basement level 1 (B1) RakGuJung**	
14:00~16:00	**SNU Campus Tour : Labs (OLED Center & Inter-university Semicondoctor Research Center), Kyujanggak Archive, University Library, & Department of Materials Science and Engineering**	

INFORMATION

*** This is a tentative program and is subject to change and confirmation.**