

UKC 2013

The UKC 2013 (US-Korea Conference on Science, Technology, and Entrepreneurship) was held on August 7-10, 2013, at Sheraton Meadowlands Hotel, New Jersey, USA. The conference was hosted by the KSEA (Korea-American Scientists and Engineers Association), KOFST (Korean Federation of Science & Technology), and KUSCO (Korean-US Science Cooperation Center). The theme for this year's conference was "Toward Harmonious World with Science, Technology, and Entrepreneurship". Prof. Jongsung Sim (KSCE President, Hanyang University), Prof. Chul-Young Kim (Myongji University), and Prof. Dong-Ho Choi (Hanyang University) participated as invited speakers for the conference. Prof. Sim was invited to make his presentation at the Civil, Environmental, and Architectural (CEA) Technical Symposium on Sustainable and Resilient Civil Infrastructure, and Prof. Kim and Prof. Choi were invited to speak at the Structures and Construction Session.



•• Dinner at UKC2013

2013 JSCE Annual Meeting

The 68th JSCE (Japan Society of Civil Engineers) Annual Meeting was held on September 4-6, 2013, at the Nihon University Tsudanuma Campus, Japan. Prof. Jongsung Sim (KSCE President, Hanyang University), Mr. Kwang-Il Kim (KSCE 2000~2001 President), Dr. Kyoung-Soo Kim (Chairman, KISTEC), and Mr. Choong-Weon Ahn (KISTEC) attended the meeting to represent the KSCE.

This year's international roundtable meeting was held under the theme, "Infrastruc-

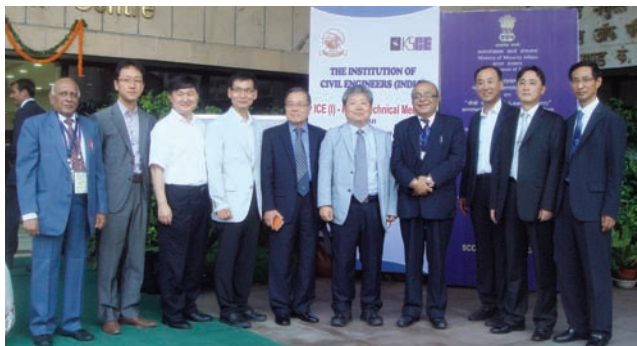
ture Maintenance and Renewal Achieving Sustainable Society". Representatives from each society presented different examples of maintenance management of infrastructure aiming towards sustainable future. Dr. Kyoung-Soo Kim of KISTEC, made his presentation on "The Infrastructure Safety Management and Maintenance in Korea". The presentation introduced Korean SOC statistics and maintenance policy, Special Act for safety and maintenance on existing facilities in Korea.



•• 2013 JSCE Annual Meeting Welcom Reception

2013 ICE(I)-KSCE Technical Meeting

The 2013 ICE(I)-KSCE Technical Meeting was held on September 23, 2013, at Scope Convention Centre, New Delhi, India, focusing on "Unfolding Modern India" and "Korean High Tech". After signing the Agreement of Cooperation with the Institution of Civil Engineers, India, in February 2013, the KSCE has proposed a technical meeting in India to kick start an active collaboration between the two countries. Civil Engineers from India and Korea has united to share their knowledge on advanced civil engineering technologies which will lead to creation of new technologies and relationship with mutual benefits. The KSCE has prepared four presentations



•• KSCE Delegation at Scope Convention Centre

from Korea's leading construction, engineering, design and maintenance companies, covering various fields of civil engineering, such as long span bridges, sewage treatment, tunnel, and harbor facilities. The presentation were as below:

- Construction Technologies of Harbor Facilities by Using Large Caisson

Mr. Hwan Wook Ji, Hyundai Engineering & Construction Co.

Mr. Ji's presentation featured on different types of caisson, such as the typical type, the half circle shape, and the semi-hybrid caisson. There were also experiments and work sequence introduction of projects done by Hyundai E&C in Singapore and Korea.

- Advanced Potable and Sewage Treatment Plant Using Fiber Filter (Containerized and Compact)

Dr. Il Kuk Lee, SSENG, Co., Ltd.

Dr. Lee's presentation introduced different types of fiber filtration technology, such as the PCF (Pore Controllable Fiber) filter, and GFF (Gravity Flow Fiber) filter, and how they are applied on potable water, sewage, and pre-treatment of R/O (Reverse Osmosis).

- The Super Long Span Bridges and the Wind Resistant Design of Korea

Dr. Soo Young Park, Pyunghwa Engineering Consultants

Dr. Park's presentation introduced the history of suspension bridges in Korea, super long-span bridge R&D projects, and finally, the recently completed Yi Sun-Sin Bridge.

- Techniques to Improve Stability and Constructability of Shallow Tunnel in Poor Ground Using Leg Piles

Mr. Sung Hwan Kim, Samsung C&T Corporation

Mr. Kim's presentation introduced the NATM (New Austrian Tunneling Method), the tunnel auxiliary reinforcement, the reinforcement of Leg, and finally, the case study in Korea.



•• 2013 ICE(I)-KSCE Technical Meeting Poster