

The Concrete Convention and Exposition — Fall 2017



American Concrete Institute
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International Lunch

Sunday, October 15, 2017 • 11:30 am – 1:30 pm • \$30 U.S. per person

Cooperative Efforts between Academia and Industry for the Development of Concrete Technology in Korea

The American Concrete Institute is honored to welcome Jae-Hoon Lee and Hong-Gun Park to The Concrete Convention and Exposition in Anaheim, CA, as the International Lunch Guest Speakers. The objective of Lee and Park's presentation is to introduce Korean experience in developing national standards and concrete technology since the 1960s, when the large-scale constructions of buildings and infrastructures started. At the early stage as a developing country, a lot of effort was needed due to very limited knowledge and information on concrete technology. During last two decades, various research programs have been conducted to develop more rational design code and concrete technology, which enables Korean engineers to design and construct diverse civil structures and buildings in Korea. Particularly, in this speech, the roles of the Korea Concrete Institute and universities on the development of concrete technology and construction in Korea will be presented, showing several instances of infrastructures and mega buildings.



Jae-Hoon Lee is a Professor at Yeungnam University in Korea. He received his BSc and MSc degrees from Seoul National University, Seoul, Korea, and his PhD degree from the University of Wisconsin-Madison in 1991. He worked for Samsung Engineering and Construction Company as a licensed structural engineer in Korea and a

licensed professional engineer in the United States before moving to the faculty position. He also worked for the Korea Concrete Institute (KCI) as a Vice President, the Chairman of Research Coordination Committee, the Editor-in-Chief of *KCI Magazine*, the Editor-in-Chief of *KCI International Journal*, and currently he is the Chairman of the Korean Structural Concrete Design Code (KCI Code) committee. He has been participating in many research programs, consulting projects, and design code committees such as highway and railroad bridges, harbor structures, subway structures, and nuclear power plants, as well as the KCI Code and seismic performance evaluation guideline committee for bridges.



Hong-Gun Park is a Professor in the Department of Architecture & Architectural Engineering at Seoul National University, Seoul, South Korea, where he has served on the faculty since 1997.

Park is a former Vice President of Korea Concrete Institute, and is serving as the Chairman of the Korean Building Code Center at the Architectural Institute of Korea and a Vice President of The Korean

Structural Engineers Association. He is a member of the National Engineering Academic Society in Korea, and also a member of the Korean Academy of Science and Technology.

He has authored or co-authored over 230 technical papers, including 36 *ACI Structural Journal* papers and 35 *ASCE Journal of Structural Engineering* papers. He is a member of the ACI International Advisory Subcommittee on International Conferences/Conventions and Joint ACI-ASCE Committees 421, Design of Reinforced Concrete Slabs, and 445, Shear and Torsion.

Park received the ACI Chester Paul Siess Award for Excellence in Structural Research in 2009 and 2012. His research interests include earthquake design of reinforced concrete and composite structures, material model for nonlinear finite element analysis, and evaluation of existing building structures.

Park received his BS and MS in architectural engineering from Seoul National University in 1985 and 1987, respectively, and his PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 1994. He is a licensed professional engineer in South Korea.

The Concrete Convention and Exposition will take place at the Disneyland® Hotel in Anaheim, CA, October 15-19, 2017. Visit www.aciconvention.org before September 25, 2017, to register for the International Lunch at the convention!