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High performance steel solutions for buildings and infrastructure in Korea

In Korea, various high performance steel for construction applications have been developed for specific structural applications. POSCO have been developing high performance steel and application technologies to provide various values to construction industry. From development of high performance steel, structural/fabrication performance evaluation, development of codes/guides to test-bed site applications. Values such as fast erection (easy construction), sustainability, additional room space, are just some of additional benefits steel structure can provide.

In this presentation, we will present various solutions in construction using high performance steel. From high-rise buildings to bridges and piles various success stories in steel structural application will be presented. POSCO's steel application technology will provide technical solutions and various values in steel structural application.

Biography

Taek-Ryong Seong received his Ph.D. in Steel structural engineering at Seoul National University, Korea. His main area of interest is development of high performance steel and application technology, performance evaluation of steel for bridge applications. He is currently group leader of steel structure research group at POSCO. POSCO's steel structure research group develops steel application technology for construction, energy infrastructure industries and is the key feature of POSCO's solution marketing.

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