



Multi-chemo-physical approach to performance assessment of structural concrete with SCMs

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Date: 28 September, 2018 (Friday)

Time: 10:00 am - 11:00 am

Venue: Z414, 4th Floor, Block Z, PolyU

Prof. Tetsuya Ishida, born in 1971, received PhD. from the University of Tokyo in 1999. After that, he was appointed as an Assistant Professor at the University of Tokyo. From 1999 to 2001, he visited the University of Toronto, as a post-doctoral research fellow supported by the Japan Society for the Promotion of Science, and in 2003 was promoted to an Associate Professor at the University of Tokyo. In 2013, he became a full Professor at the University of Tokyo. He has won many awards and prizes from JSCE, JCI, SSMS, fib and IABSE. In 2001, the first fib Achievement Award for Young Engineers was given to him, and in 2009, the IABSE prize was given at the opening ceremony of the 33rd IABSE Symposium.

He has been working on the development of the Finite-Element based computational platform, which can evaluate various performances of concrete structure in both space and time domains under given external loading and environmental actions. His thermo-dynamic modeling and nonlinear mechanics of aging concrete form the fundamental core of the theoretical approach to achieve both the scientific knowledge and engineering simulations of altering materials.

***** All Interested Are Welcome *****

Free Admission. For further information, please contact Prof. J.G. Dai at Tel. 2766-6026. Please reserve your seat with Mr Y.S. Wang by email: yanshuai.wang@connect.polyu.hk. Certificates of attendance will be provided to participants if they attend the whole lecture.