International Association for Bridge and Structural Engineering
Association Internationale des Ponts et Charpentes
Internationale Vereinigung für Brückenbau und Hochbau

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Tetsuya Ishida, Japan, receives the IABSE Prize 2009

Tetsuya Ishida, Japan, has been awarded with the IABSE Prize. The IABSE Prize honours an IABSE Member - early in his or her career - for outstanding achievements in structural engineering. The Award is conferred on an individual member, forty years of age or younger. IABSE. Jacques Combault, President of IABSE will present the Award on September 9, 2009, at the Opening Ceremony of the 33rd IABSE Symposium in Bangkok, Thailand.

Tetsuya ISHIDA, born in 1971, received his degree in Civil Engineering in 1994 and his master's of engineering in 1996 from the University in Tokyo. After receiving a Ph. D. from the University of Tokyo in 1999, he was appointed as Assistant Professor of Civil Engineering at the University of Tokyo in 1999. From 1999 to 2001, he visited the University of Toronto, as a post-doctoral research fellow supported by Japan Society for the Promotion of Science, and in 2003 was promoted to an Associate Professor at the University of Tokyo.

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.

In addition to his contributions to the advancement to the field of multi-scale numerical modeling of structural concrete, he has also been actively working on various projects, such as: the numerical evaluation of shrinkage cracking and creep problems on existing PRC bridge piers, a maintenance management system for RC subway tunnels, a long-term durability assessment of pre-cast concrete segments under various curing conditions, and so on. The developed technology has made a considerable contribution toward a systematisation both of the concrete material science and structural engineering, and it is highly appreciated both in academia and the engineering community.

The International Association for Bridge and Structural Engineering (IABSE) comprises 4'000 members in 100 countries. Founded in 1929, IABSE deals with all aspects of planning, design, construction, maintenance and repair of civil engineering structures. To fulfil its mission, IABSE organises conferences and publishes a quarterly journal, Structural Engineering International, as well as books and reports. The Association has a number of technical groups and presents awards in recognition of outstanding contributions in the domain of structural engineering.

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