

UNIVERSITY OF MACAU  
FACULTY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT of  
CIVIL AND ENVIRONMENTAL ENGINEERING

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**" Are you ready for the BIM era of AECO  
Industry? "**

by

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**Date: 31/03/2016 (THURSDAY)**

**Time: 3:30PM – 4:30PM**

**Venue: E11 – 1038**

## Abstract

Building Information Modeling (BIM) has become a very hot topic in AECO (Architecture, Engineering, Construction, and Owner-operated) industry in recent years. This talk will start from a brief introduction of BIM. Then, discussions will be given on why civil engineers need BIM and what BIM can offer. In addition, an overview on global BIM development will be given. Finally, suggestions on how to prepare for the BIM era of AECO industry will be provided for civil engineers.

## Biography

Dr. Hsieh is a Professor in the Computer-Aided Engineering Division of Department of Civil Engineering at National Taiwan University (NTU), Taipei, Taiwan. He is currently serving as Director of the Research Center for Building & Infrastructure Information Modeling and Management in NTU's Department of Civil Engineering. He is a member of Board of Directors of the International Society for Computing in Civil and Building Engineering Since 1999 and served as the society's President from 2006 to 2008. He has a wide range of research interests, including engineering & construction simulations, engineering information & knowledge management systems, innovative engineering education, parallel and distributed engineering computing, earthquake engineering and structural dynamics, and object-oriented software development.

Dr. Hsieh received his B.S. in civil engineering in 1985 from NTU, and his M.S. and Ph.D. in civil and environmental engineering from Cornell University, U.S.A. in 1990 and 1993, respectively. From 1993 to 1995, he worked as a Postdoctoral Research Associate in the School of Civil Engineering at Purdue University, U.S.A. He joined the Department of Civil Engineering at NTU in 1995 and had since served NTU as the Chief of Extracurricular Activities Section in Office of Student Affairs, Vice-Chairman of Department of Civil Engineering, and Deputy Dean for Office of International Affairs.

More information can be found at <http://shhsieh-en.weebly.com/>.

***ALL ARE WELCOME!***