

NATIONAL UNIVERSITY OF SINGAPORE

School of Computing

C S S E M I N A R

Title: **Research and Design Practice in Tsinghua X-Studio**

Speaker: Professor Haipeng Mi
 Department of Information art & design
 Tsinghua University, China

Date/Time: 17 August 2015, Monday, 11:00 AM to 12:00 PM

Venue: MR1, COM1-03-19

Chaired by: Dr Zhao Shengdong, Assistant Professor, School of Computing
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Abstract:

Tsinghua X-Studio is an interdisciplinary and innovative research lab founded in 2014. Students in X-Studio come from different fields of study, including art & design, EECS, Mechanical Engineering, Physics, Psychology, etc.

Our research focuses on two directions: tangible and tactile interaction, and immersive interaction. This talk will briefly introduce some of the featured innovation projects of X-Studio, including:

1. Tactile display for visual impaired people;
2. Actuated tangible user interface and shape changing interface
3. FINCH: flying indoor navigation and communication hotspot;
4. Milano Expo 2015 China Pavilion "Field of Hope" installation design
5. Duan gate digital museum of Forbidden City

Biodata:

Dr. Haipeng Mi is an associate professor in the department of Information art & design, Tsinghua University, China. His research field is human-computer interaction, and his research interests ranges from tangible media, natural user interface to human-robot interaction. He is currently leading a research project granted by National Science Foundation for Youth Scientist of China.

He received his B.Sc and M.S from Tsinghua University in 2005 and 2008 respectively, and his Ph.D. from the University of Tokyo in 2011. Before joining Tsinghua, he had been

working in the University of Tokyo, Japan, (assistant professor, 2012~2014), and in the JST ERATO Igarashi Design Interface Project (Post-doc researcher, 2011~2012).