



# The 16th International Conference on Construction Applications of Virtual Reality

Date: 11-13 December 2016

Venue: Regal Kowloon Hotel, Tsim Sha Tsui, Hong Kong

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## Introduction

The International Conference on Construction Applications of Virtual Reality (CONVR) is one of the leading international conferences in the areas of building information modeling (BIM), virtual reality (VR), augmented reality (AR), and Construction IT. The conference is also known for having a unique blend of participants from both academia and industry in the architecture, engineering, construction and operation (AECO) industry. The annual conference has been organized in different regions such as UK, USA, Australia, Japan, Canada, UAE and Taiwan since 2000. It is the first time the conference is organized in Hong Kong or in China.

Jointly organized by the Hong Kong University of Science and Technology and Teesside University this year, CONVR 2016 will be held in Hong Kong and will bring together AECO researchers and practitioners from around the globe to report on and exchange the latest development, ideas and applications stemming from innovative research activities in the area of BIM, VR, AR, and other Construction IT technologies. Besides several exciting keynote presentations, over 60 peer-reviewed papers will be presented in parallel sessions. There will also be social events (conference reception and banquet), mini-symposiums, and technical visits in the conference.

For more details, please refer to the conference website at <http://www.convr2016.com>.

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## Academic Keynote Speakers

### Prof. Kincho H. Law

Professor, Civil and Environmental Engineering,  
Engineering Informatics Group  
Stanford University, USA

### Prof. Lucio Soibelman

Professor and Chair, Sonny Astani Department of Civil and  
Environmental Engineering  
University of Southern California, USA

### Prof. Calvin Kam

Adjunct Professor, Center for Integrated Facility  
Engineering (CIFE)  
Stanford University, USA

### Prof. Chimay J. Anumba

Dean, College of Design, Construction and Planning  
University of Florida, USA

### Prof. Xiangyu Wang

Curtin Director of Australasian Joint Research Centre for  
Building Information Modelling (BIM), Department of  
Construction Management  
Curtin University, Australia

### Prof. Rafael Sacks

Associate Professor, Civil and Environmental engineering  
Israel Institute of Technology, Israel

## Industry Keynote Speakers

### Ms. Ada Fung

Deputy Director of Housing (Development & Construction)  
Hong Kong Housing Authority, Hong Kong

### Mr. Tai Fatt Cheng

Deputy Managing Director, BCAA and BERII  
Building and Construction Authority, Singapore

### Ir. Kevin Poole

Executive Director  
Hong Kong Airport Authority, Hong Kong

### Mr. Kuang Jiazhi

General Manager (Department of Architectural Digitalization  
and BIM), China Construction Digital International, China  
Hong Kong Airport Authority, Hong Kong

## Topics

Topics include but not limited to:

- Building Information Modeling (BIM)
- Virtual Reality (VR) and Augmented Reality (AR) in AECO Applications
- Simulation and Automated Approaches in Construction
- Design and Construction Visualization
- 3D Geographic Information Systems (GIS)
- Collaborative Visual and Augmented Environments
- Interactive Media Environments
- Lifecycle Information and Knowledge Management
- Ontologies for Modeling and Visualization
- Mobile and Wearable Computing
- Green and Smart Buildings

## Supporting Organizations



## Tentative Conference Programme

Date	Time	Programme		
11 Dec 2016 (Sunday)	17:00-19:00	Registration		
	18:00-20:00	Pre-Conference Reception		
12 Dec 2016 (Monday)	08:30-09:00	Registration		
	09:00-09:20	Opening Ceremony		
	09:20-10:20	Keynote Presentations		
	10:20-10:40	Tea Break		
	10:40-12:10	Keynote Presentations		
	12:10-12:20	Group Photo		
	12:20-13:40	Luncheon		
	13:40-15:10	Parallel Session IA	Parallel Session IIA	Parallel Session IIIA
	15:10-15:30	Tea Break		
	15:30-17:00	Parallel Session IB	Parallel Session IIB	Mini-Symposium I
	17:00-22:00	Conference Banquet with Tour		
	13 Dec 2016 (Tuesday)	09:00-10:30	Keynote Presentations	
10:30-10:50		Tea Break		
10:50-12:20		Keynote Presentations		
12:20-13:40		Luncheon		
13:40-15:10		Parallel Session IC	Parallel Session IIC	Parallel Session IIIC
15:10-15:30		Tea Break		
15:30-17:00		Parallel Session ID	Parallel Session IID	Mini-Symposium II
17:00-17:15		Closing Ceremony		
14 Dec 2016 (Wednesday)	09:00-12:30	(Optional) Technical Visit 1 – Zero Carbon Building and CIC BIM Center		
	14:00-17:30	(Optional) Technical Visit 2 – Xiqu Center		

## Registration Fee (Local)

	On or before 16 Nov 2016	After 16 Nov, 2016
<b>Industry Delegate</b> (Non-supporting organization)	USD 400 (HKD 3100)	USD 450 (HKD 3450)
<b>Industry Delegate</b> (Supporting organization)	USD 380 (HKD 2950)	USD 430 (HKD 3300)
<b>Industry Delegate</b> (Non-supporting organization) ( <i>Without banquet</i> )	USD 280 (HKD 2150)	USD 330 (HKD 2500)
<b>Industry Delegate</b> (Supporting organization) ( <i>Without banquet</i> )	USD 260 (HKD 2000)	USD 310 (HKD 2350)
<b>Technical Visit 1:</b> Zero Carbon Building, CIC BIM Center	USD 35 (HKD 270)	
<b>Technical Visit 2:</b> Site of Xiqu Center (a BIM project in Hong Kong)	USD 35 (HKD 270)	

**Note:** All four kinds of registration for industry delegates include attendance to the pre-conference reception on 11 December 2016; attendance to the keynote presentations, parallel sessions, tea breaks and luncheons on both 12-13 December 2016; and the conference package (including conference proceedings and programme booklet).

## Registration and Payment Details

1. Please complete the registration form on [http://convr2016.ust.hk/local\\_reg\\_form.php](http://convr2016.ust.hk/local_reg_form.php).
2. Upon successful registration, you will receive one confirmation e-mail in which payment details will be included.
3. Payment is acceptable by credit card or by cheque.
4. If you pay by cheque, please make the cheque payable to **“The Hong Kong University of Science and Technology”** and mail to the following address:  
**“Ms. Mandy LAM, Department of Civil and Environmental Engineering, The Hong Kong University of Science & Technology, Clear Water Bay, Kowloon, Hong Kong.  
Attention: Registration for CONVR2016”**
5. Please provide applicant details (name, company name, and telephone number) at the back of the cheque.

## Remarks

1. The conference program will be conducted in **English**.
2. It is suggested that participation in the conference counts for **14 CPD hours**. A **certificate of attendance** will be provided to participants after the conference.
3. The conference will be postponed if the No. 8 typhoon signal or above or black rainstorm warning is hoisted 3 hours before the conference. The Conference Secretariat will inform the participants by email for any new arrangement subsequently, if any.
4. The Organizers reserve the rights to make changes to the programme and speakers.
5. For enquiries, please email to the **Conference Secretariat** at [convr2016@ust.hk](mailto:convr2016@ust.hk).