

USMCA 2018

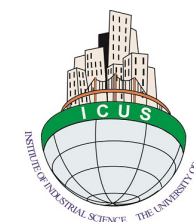
17th INTERNATIONAL SYMPOSIUM
on

NEW TECHNOLOGIES FOR URBAN SAFETY OF MEGA CITIES IN ASIA

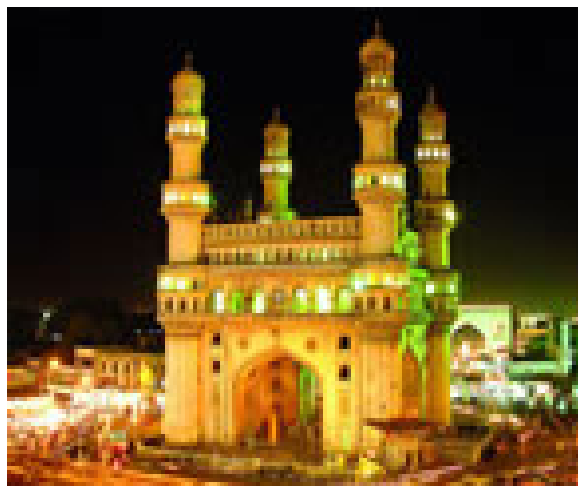
12-14 December, 2018
Hyderabad, India

Organized by

International Institute of Information Technology
Hyderabad, INDIA
and
International Center for Urban Safety Engineering,
Institute of Industrial Science,
The University of Tokyo, JAPAN



About City of Hyderabad



Charminar, Hyderabad

Hyderabad, the fifth largest city in India, has its own distinct culture. The city is nearly 400 years old and is noted for its natural beauty, mosques, minarets, bazaars, bridges, hills and lakes; *Charminar* - the tower with four minarets, an old monument and mosque located in Hyderabad is considered as one of the global icons of its kind. Hyderabad is perched on the top of Deccan Plateau, 1776 feet above the sea level, and sprawls over an area of 250 square miles. Secunderabad, the twin city, is separated from Hyderabad by an artificial lake Hussain Sagar, constructed in 1562 AD.

About IIIT Hyderabad

International Institute of Information Technology, Hyderabad (IIIT-H) was set up as a research university focused on the core areas of Information Technology, such as Computer Science, Electronics and Communications, and their applications in other domains. Institute has undergraduate and postgraduate engineering programs and evolved strong research programs in a host of areas, with computation or IT providing the connecting thread, and with an emphasis on the development of technology and applications, which can be transferred for use to industry and society.

About ICUS, The University of Tokyo

The International Center for Urban Safety Engineering (ICUS) is a research center located at the Institute of Industrial Science, The University of Tokyo. The purpose of ICUS is to identify, investigate, and resolve issues towards the realization of sustainable urban systems for the prosperity and safety of society considering challenging socio-economic problems.

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■ Introduction



Urban safety and environmental management are challenges for any country in the world today. Scientists, researchers, academics from Universities & Institutes of higher learning, governments and societies are working together to find new solutions to these global issues. Recognizing this critical importance, the *International Institute of Information Technology, Hyderabad*, and the *International Center for Urban Safety Engineering (ICUS)* at Institute of Industrial Science (IIS), The University of Tokyo (UTokyo) are co-organizing this *International Symposium on New Technologies for Urban Safety of Mega Cities in Asia (USMCA)* during 12–14 December 2018 in Hyderabad, India. The main Symposium is during 12-13 December 2018, and the technical and city tours are on 14 December 2018.

■ The USMCA Symposia

The USMCA at Hyderabad would be its 17th in the series of the USMCA Symposia. The previous 16 USMCA International Symposia were held worldwide in the following Cities:

2017 Sendai, Japan	2009 Incheon, South Korea
2016 Philippines	2008 Beijing, China
2015 Kathmandu, Nepal	2007 Dhaka, Bangladesh
2014 Yangon, Myanmar	2006 Phuket, Thailand
2013 Hanoi, Vietnam	2005 Singapore
2012 Ulaanbaatar, Mongolia	2004 Agra, India
2011 Chiang Mai, Thailand	2003 Tokyo, Japan
2010 Kobe, Japan	2002 Bangkok, Thailand

■ Symposium Objectives & Themes

The symposium will focus on the following subjects and keywords pertaining to urban safety and environmental management. There will be 4-5 keynote lectures by eminent people from academia, industry and government. The technical discussions during these Sessions are expected to address the following aspects of urban disasters:

1. Urban Safety & Disaster Mitigation

- (a) Risk Assessment
- (b) Disaster Mitigation and Urban Planning
- (c) Early Warning
- (d) Emergency Response
- (e) Disaster Management
- (f) Recovery and Rehabilitation

2. Infrastructure Management

- (a) Life Cycle and Stock Management
- (b) Construction Materials and Technology
- (c) Maintenance and Sustainability

3. Environment Informatics

- (a) Climate Change
- (b) Water Resources
- (c) Bio-diversity
- (d) Transportation
- (e) GIS / Remote Sensing

■ Important Dates

Submission of ABSTRACT	: 30 June 2018
Notification of Acceptance	: 31 July 2018
Early Bird Registration	: 31 July 2018
Submission of EXTENDED ABSTRACT	: 30 August 2018
Regular Registration	: 15 September 2018

Authors are invited to submit a one page abstract through *EasyChair online portal* available on USMCA2018 website (<http://usmca2018.iit.ac.in/>). Authors must use USMCA 2018 format and choose subject number. Template is available for download from the website: <http://usmca2018.iit.ac.in/>. Accepted papers will be scheduled into one of the two presentation types, namely Oral Presentations and Poster Presentations. Authors are requested to make payment by the due date, to facilitate inclusion of their accepted papers in the Proceedings of the Symposium and scheduling of presentation.

■ Registration Fee

Category	India and SAARC countries		Other Countries	
	Early Bird	Regular	Early Bird	Regular
Delegate	INR 10,000	INR 12,000	USD 250	USD 300
Students	INR 5,000	INR 6,000	USD 125	USD 150

The registration fee is for one person with symposium proceedings, working lunch, tea, and one banquet. It *does not* include the technical tour.

■ Awards

Awards are planned for students and professionals, who are participants and are below 35 years in age.

■ Symposium Venue

KRB Auditorium, IIIT Hyderabad, India

■ Technical Tour

A technical tour is planned on 14 December 2018 to casting yard site of the *Precast Concrete Girder Segments* of the *Hyderabad Metro Rail* project, one of the largest Metro Railway Projects in India. In addition, visits to few historic sites at Hyderabad are also planned.

■ Exhibition & Sponsorship

USMCA 2018 provides an exhibition area, where interested group can introduce their projects, and exhibit products and services to the participants and media, during the Symposium. A 2m x 2m exhibition area with 1 table and 2 chairs, are available for the purpose. USMCA 2018 offers a variety of sponsorship opportunities suitable for organizations and companies of all sizes and kinds. Sponsors of USMCA 2018 will gain visibility for their companies and organizations and contribute to the success of the symposium. Please contact the organizers for more information on sponsorship and exhibition facilities.

■ Supported by

The Symposium is supported technically by Faculty Members and Professionals belonging to:

1. IIT Kanpur
2. IIT Madras
3. IIT Delhi
4. IIT Bombay
5. IIT Hyderabad
6. National Academy of Construction
7. Indian Association of Structural Engineers