



# 2016 China-Japan-Korea Tall Building Forum



**The 3rd CJK Tall Building Forum in Tokyo**

**Innovative Motion Engineering in Tall Buildings**

**9:00am-5:30pm, Friday, July 8th, 2016**

**Multi-Purpose Digital Hall, Tokyo Institute of Technology**

**2-12-1, Ookayama, Meguro-ku, Tokyo, Japan 152-8550**

<http://www.titech.ac.jp/english/index.html>

[http://www.dst.titech.ac.jp/outline/facility/hall\\_en.html](http://www.dst.titech.ac.jp/outline/facility/hall_en.html)

*Organized by*

**CTBUH Japan Structures Committee / Japanese Society of Steel Construction(JSSC)  
Laboratory for Materials and Structures, Tokyo Institute of Technology**

*Co-organized by*

**CTBUH China, CTBUH Korea and  
Council on Tall Buildings and Urban Habitat (CTBUH)**

*In Cooperated with*

**Archi-Neering Design Forum(A-Forum), Architectural Institute of Japan(AIJ),  
Japan Association for Earthquake Engineering(JAEE), Japan Association for Wind  
Engineering(JAWE), The Japan Society of Seismic Isolation(JSSI), Japan Structural  
Consultants Association(JSCA), Partners Sustaining Architectural Technology and  
Skills(PSATS), The Iron and Steel Institute of Japan(ISIJ), The Japan Iron and Steel  
Federation(JISF), Japan Association for Vibration Technologies(JAVIT)**

*Contact & Registration:* [JCK-CTBUH-Forum2016@jssc.or.jp](mailto:JCK-CTBUH-Forum2016@jssc.or.jp)



**GINZA KABUKIZA (Tokyo)**

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**Raffles City (Chongqing)**

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**Lotte World Tower (Seoul)**

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*Schedule :*

**Thursday, July 7th, 2016 ~ Technical Tour ~**

- 14:00 Hotel Check-in at “Shinagawa Prince Hotel”  
(approx.30-45 minutes from Haneda Airport by bus, train or taxi)  
<http://www.princehotels.com/en/shinagawa/>
- 14:00 Tour bus departure / Please gather at the hotel lobby of main-tower.
- 14:30-18:00 Technical tour of two tall buildings  
(“Akasaka 1-chome District Type-1 Urban Redevelopment Project  
(under construction)” and “Roppongi 3-chome Project (completed)” )
- 19:00-21:00 Dinner (at Shinagawa)

**Friday, July 8th, 2016 ~ Forum ~**

*Venue : Multi-Purpose Digital Hall, Tokyo Institute of Technology*

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- 8:00 Please gather at the hotel lobby of main-tower.  
CTBUH Japan structures committee members guide you to the venue  
by train. (approx.30-40 minutes)
- 9:00 - 9:30 Registration
- 9:30-12:30 Forum (AM session)
- 12:30-13:45 Lunch
- 13:45-17:30 Forum (PM session)
- 18:00-20:00 Dinner (in Tokyo Institute of Technology)

## *Forum Program*

**Friday, July 8th, 2016**

9:00 – 9:30	<b>Registraton</b>
9:30 – 9:45	<b>Opening Address</b> <p style="text-align: center;"> <b>Norihide Koshika</b> / CTBUH Japan Structures Committee  <b>Guo-Qiang Li</b> / Representative, CTBUH China  <b>Kwangryang Chung</b> / Representative CTBUH Korea </p>
9:45 – 10:30 (45min.)	<b>Keynote Lecture</b> (Chair : <b>Atsushi Watanabe</b> / Nippon Steel & Sumikin Eng., Co., Ltd) “Performance of Seismic Protective Systems for Super-Tall Buildings and Their Contents” (Kazuhiko Kasai / Professor, Laboratory for Future Interdisciplinary Research of Science and Technology, Tokyo Institute of Technology )
10:30–11:00	<b>Coffee Break</b>
11:00–12:30 (30min.x 3)	<b>Session 1</b> (Chair : <b>Atsushi Watanabe</b> / Nippon Steel & Sumikin Eng., Co., Ltd) “DEVELOPMENT OF LARGE TUNED MASS DAMPER WITH STROKE CONTROL SYSTEM FOR SEISMIC UPGRADING OF EXISTING HIGH-RISE BUILDING ” (Yusuke Hori / Structural Engineer, Kajima Corporation) “Seismic Retrofit of High-rise Building with Deformation-dependent Oil Dampers against the Long-period Ground Motions” (Hideshi Aono / Senior Engineer, Taisei Corporation) “Design Considerations for Concrete High-rise Buildings ” (Chul Ho Park / Director, Dongyang Structural Engineers Group Co., Ltd.)
12:30–13:45	<b>Lunch</b>
13:45–15:15 (30min.x 3)	<b>Session 2</b> (Chair : <b>Hiroshi Kawamura</b> / Mitsubishi Jisho Sekkei) “Structural Shear Wall Systems with Metal Energy Dissipation Mechanism” (Guo-Qiang Li / Professor, Tongji University) “Shear connector design of 123 story Lotte Word Tower” (Hong-Gun Park / Professor, Seoul National University) “Key Technologies for Super Tall Building Construction (Lotte Word Tower)” (Gyu-Dong Kim / Director, Lotte Engineering & Construction)
15:15–15:45	<b>Coffee Break</b>
15:45–17:15 (30min.x 3)	<b>Session 3</b> (Chair : <b>Dai Shimazaki</b> / Shimizu Corporation) “The structural Design of “China Zun” Tower, Beijing” (Peng Liu / Director, Arup) “The Evolution of Seismic Engineering and Design of Ultra Tall Buildings in China – Innovations and Sustainability” (Aaron J. Wang / Director, CapitaLand China) “Design and construction of GINZA KABUKIZA” (Hiroshi Kawamura / General Manager, Mitsubishi Jisho Sekkei)
17:15–17:30	<b>Closing Address</b> <p style="text-align: center;"><b>Akira Wada</b> / Representative, CTBUH Japan Structures Committee</p>

Note: 5 min. Q&A is included in each presentation.