

Department of Building Public Lecture

The Current Construction Technologies in Japan

by Dr Toshiaki Fujimori, Managing Officer & Director,
Institute of Technology, Shimizu Corporation, Japan

Wednesday 15 March 2006

3.00 pm to 5.00 pm

Venue: LR 426, SDE 3, Level 4, School of Design & Environment, NUS

No fee required. All are welcome. Please register early to reserve a place.

Shimizu Corporation is a leading architectural, engineering and general contracting firm, offering an integrated, comprehensive planning, design and build solutions for a broad range of construction and engineering projects worldwide. Shimizu Corporation has annual sales of approximately US\$14 billion and has been widely recognised as one of the top 5 contractors in Japan.

Dr. Fujimori, a managing officer and director of Institute of Technology of Shimizu Corporation, will give a lecture on the latest construction technologies in Japan. The lecture will cover the following topics:

1. Situations of Japanese Construction Industry and Management Strategy of Shimizu Corporation
 - Changes of Construction Investment in Japan and our sales
 - Changes of National Budget in Technology
 - Restructuring of Construction Business in Shimizu Corporation
 - Outline of Institute of Technology of Shimizu Corporation
2. Innovation of Production System
 - Automation and Robotics Technologies in Construction Process
 - Prefabrication and Modularization
 - Application of Information Technologies in Construction and Procurement
 - New Systems in Design and Construction Managements
3. Creation of Customer Values through New Technologies
 - Disaster Prevention Measures
 - Base isolation, vibration control dampers, and news flash system for earthquake
 - New Material and Structural Systems
 - High strength concrete, advanced fire resistant concrete, and super-high strength steel

- Structural Health Monitoring
- Storage Technologies in Rock
- New Energy and Micro Grid Systems
- New Technologies for Medical Facilities and High-precision Engineering Facilities
- Robotics, Space and Information Technologies
- Nanotechnology

4. Contribution to Society through New Technologies

- Protect and Preserve Environment
- Recycling of Concrete
- Purification of Contaminated Soil
- Preserve and Retrofit Historic Buildings

The Speaker

[Click here](#) for a CV of Dr. Fujimori (PDF format).

[Location map](#) of NUS.

Registration Details

Please phone or email us to reserve your place(s): Chelvi - Tel: 6516-5150 or Email: bdgtp@nus.edu.sg
