

**Programme of the Eleventh International
Summer Symposium
(Tentative Programme)**

11 September 2009

Tokyo, Japan

International Activities Committee

Japan Society of Civil Engineers

Timetable

Room Time	M011	M111	M112	M113	M114
10:00 10:10 (10min)	Opening Ceremony	/			
10:20 11:25 (15min)	C1	/	B1	/	DF
11:40 12:45 (90min)	C2	E1	B2	A1	D1
14:15 15:15 (15min)	Keynote Lecture	/			
15:30 16:35 (15min)	C3	E2	G1	A2	STG Reports
16:50 17:55 (35min)	C4	E3	G2	A3	D2
18:30 20:30	Excellent Presentation Award Ceremony & Get-Acquainted Reception Party				

Opening Ceremony 10:00–10:10 at M011

Prof Hitoshi Furuta, Chair of International Activities Committee, JSCE (Kansai University)

Keynote Lecture 14:15–15:15 at M011

“Creativity Developing Education at Tokyo Tech”

By Prof Chitoshi Miki (Tokyo Institute of Technology)

Excellent Presentation Award Ceremony & Get-Acquainted Reception Party

18:30–20:30 at Cafeteria on the north of Oh-okayama West Area, Tokyo Institute of Technology

Technical Sessions

Session A1: Structural Mechanics and Earthquake Engineering (1)

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11:40–12:45 at M113

Chaired by **Dr Kiyoshi Ono (Tokyo Institute of Technology)**

- A1-1** Effect of Varying Axial Load on Cyclic Behavior of Circular Steel Bridge Piers 1
Nishigandha Gajanan Kulkarni (Nagoya University)
- A1-2** Fatigue Strength on Load Carrying Cruciform Joints in Beam to Column Connection of Steel Bridge Piers 5
Saiprasertkit Kawin (Tokyo Institute of Technology)
- A1-3** Evaluation of Fatigue Strength Improvement by Toe Treatment 9
Masayuki Tai (Tokyo Institute of Technology)
- A1-4** The Role of Evaluation Function in Flutter Derivatives Approximation and Response of a Long-Span Bridge 13
Nguyen Danh Thang (Yokohama National University)
- A1-5** Wave Propagation Analysis of Plate-Winkler Foundation System with Application Example of a New Design for Reduction of Vibration 17
Zhirong Lin (Nagoya University)

Session A2: Structural Mechanics and Earthquake Engineering (2)

15:30–16:35 at M113

Chaired by **Dr Junji Yoshida (University of Yamanashi)**

- A2-1** Development of Rheology Model for RBs and LRBs and Its Implementation in Seismic Analysis 21
M. Abdur Rahman Bhuiyan (Saitama University)
- A2-2** Application of Reliability Analysis in Assessing Seismic Performance of Reinforced Concrete Buildings 25
El Ghoulbzouri Abdelouafi (Faculty of Sciences at Tetouan, Morocco)
- A2-3** Seismic Vulnerability Assessment of Reinforced Concrete Buildings considering Material and Geometric Variations 29
Ahmed El Haouzi (Faculty of Sciences at Tetouan, Morocco)
- A2-4** Post-Yield Stiffness and Residual Deformation as Seismic Indices of FRP-RC Bridge Piers 33
Mohamed Fathy Mohamed Fahmy (Ibaraki University)
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San Yu Khaing (Yokohama National University)

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Chaired by **Dr Anil C. Wijeyewickrema (Tokyo Institute of Technology)**

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Jalal El Bahaoui (Faculty of Sciences at Tetouan, Morocco)
- A3-2** A New Method for Axial Vibration of Variable Cross-Section Bars 45
Abdolrasoul Ranjbaran (Shiraz University, Iran)
- A3-3** Wave Propagation in a Perfectly Bonded Pre-Stressed Compressible Bi-Layered Composite 49
Priza Kayestha (Tokyo Institute of Technology)
- A3-4** The Influence of Non-Uniform Thickness due to Corrosion on Dynamic Characteristics of Anchored Cylindrical Tanks 53
Mahmoud Reza Maheri (Shiraz University, Iran)

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