

International Collaborative Graduate Program (ICGP) on Civil and Environmental Engineering  
**Student Exchange Program in 2011 between Thammasat University and Saitama University**

24-29 January 2011

**List of Participants from Saitama University**

Faculties	Graduate Students	
Prof. Hiroshi MUTSUYOSHI	KOSUKE KAWARAI (Structure)	TAKAHIRO TSUJI (Material)
Prof. Hiroki YAMAGUCHI	TOMOYA ARAI (Material)	MASAYA KUDO (Foundation)
Assoc. Prof. Masato SAITOH	YUICHIRO TAKEMOTO (Material)	YOSHITSUGU SOMEYA
Assoc. Prof. Takeshi MAKI		(Foundation)

**Schedules**

**25 January 2011**

10.00 - 10.15 Welcome speeches by Director and Prof. Polprasert, C.(SIIT) and Dean of Graduate School of Science & Engineering, Prof. Yamaguchi, H. (Saitama Univ.) (Room 209)

10.15 - 10:30 Coffee Break (Room 209)

10.30 – 12.00 Independent examination (Room 210)

*“Effect of Frequency-Dependent Impedance Characteristics of Shallow Foundation Structures”*

**By Mr.Masaya Kudo**

**Examiners: Assoc.Prof. Saitoh & Assoc. Prof. Pruettha N.**

Independent examination (Room 209-1)

*“Study on Accuracy of Damping Identification from Ambient Vibration Measurement for Structural Health Assessment”*

**By Mr. Kosuke Kawarai**

**Examiners: Prof. Yamaguchi & Assoc. Prof. Nakhorn.**

10.30 – 12.00 (CE Meeting Room, 3<sup>rd</sup> Floor)

Independent examination (Room 210)

*“Development of innovative bridges using hybrid Fiber Reinforced Polymers (FRP)”*

**By Mr. Tomoya Arai**

**Examiners: Assoc Prof. Mutsuyoshi & Assoc. Prof. Amorn P.**

Independent examination (Room 210)

*“Seismic Damage of Whole Structural System Including Ground and Piles After Strengthening of RC Pier”*

**By Mr. Yuichiro Takemoto**

**Examiners: Assoc Prof. Mutsuyoshi & Assoc. Prof. Amorn P.**

12.00 - 13.00 Lunch (Room 209)

13:00 – 16:00 Campus Tour

### **26 January 2011**

9.00 -12.00 Preparation for examinations and discussion

12.00 - 13.00 Lunch (Room 209)

13.00 - 14.30 Independent examination (Room 209-1)

*“Numerical evaluation of optimal radius of Fixed-Head Pile Bending by Kinematic Interaction”*

**By Mr. Yoshitsugu Someya**

**Examiners: Assoc.Prof. Saitoh & Assoc. Prof. Nakhorn P.**

14:30-15:00 Coffee Break

15.00 - 16.30 Independent examination (Room 209-1)

*“Study on Moisture Loss and Shrinkage of Mortar with Mineral Admixture Based on Micromechanics”*

**By Mr. Takahiro Tsuji**

**Examiners: Assoc. Prof. Maki & Prof. Somnuk T.**

### **27 January 2011**

09.00 – 16.30 Site Visit: Bhumibol Bridge

### **28 January 2011**

10.00 – 11.30 Meeting with Dr. Supreedee, Assistant to the Rector for International Affairs (Tha Phrachan Campus)

### **< Photographs >**



Welcome Speech by Prof. Chongrak, Director of SIIT



Photograph in SIIT



Examinations and discussion with SIIT co-advisors



Site Visit to Bhumibol Bridge with students from Thammasat University



Meeting with Dr. Supreede, Assistant to the Rector for International Affairs (Tha Phrachan Campus)



Visit to Tha Phrachan Campus



Dinner party at a Thai restaurant near Chao Phraya River