

International Collaborative Graduate Program (ICGP)  
on Civil and Environmental Engineering

**Student Exchange Program in 2013  
between NUCE (National University of Civil Engineering, Hanoi)  
and SU (Saitama University)**

**Date: 2013/01/22-26**

**Venue: Hanoi, Vietnam**

**Participants (from Saitama University):**

Faculties: Shingo Asamoto (Assistant Professor)

Students: Yusuke Kanaya (M1), Ryuichi Takanami (M1), Ryosuke Hirai (M1) and Hiroki Homma (M1)

**Schedule in Vietnam**

-January 22, 2013:

Arrival at Hanoi International Airport

-January 23, 2013

Visit to National University of Civil Engineering, Hanoi

+ Morning:

1. Introduction of Saitama university and Special lecture (Time-dependent deformation of concrete based on microstructure and moisture behavior)

**By Dr. Shingo ASAMOTO**

2. Research presentation by students (Advanced Research I on Civil and Environmental Engineering)

- "Development of composite girder of FRP and ultra high strength fiber reinforced concrete"

**By Mr. Yusuke KANAYA**

- "Research on Additional damping caused by corrosion in PC bridges"

**By Mr. Ryuichi TAKANAMI**

- "Study on carbonation and pore structure of cementitious materials exposed to supercritical carbon dioxide"

**By Mr. Ryosuke HIRAI**

- "Study on compressive strength of stiffened plate"

**By Mr. Hiroki HOMMA**

+ Afternoon:

Guide of National University of Civil Engineering, Hanoi and discussion about future collaboration between NUCE and SU

-January 24, 2013

Site tour

+ Morning:

Visit to NHAT TAN bridge

+ Afternoon:

Visit to Expressway Project SPC Preparatory Office in Vietnam of Central Nippon Expressway Company Limited

-January 25, 2013

+ Morning and afternoon: Visit to the oldest university in Vietnam and student communication between NUCE and SU

+ Night: Return back to Japan

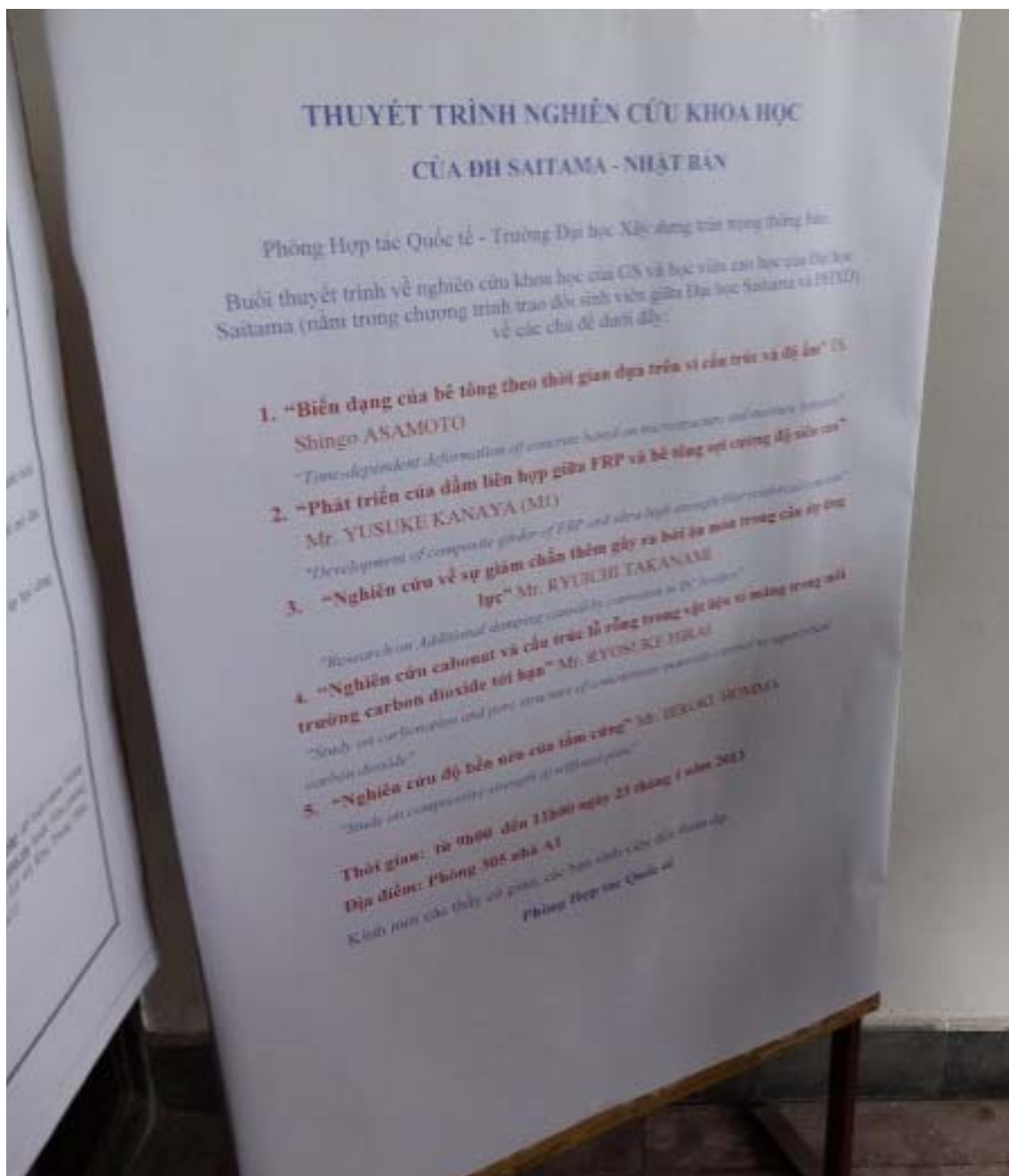
-January 26, 2013

Arrival at Narita airport

<Photographs>

January 23, 2013

Information of special lecture and student presentation





Introduction by Dr. N. H. Giang



Vietnamese students



Special lecture by S. Asamoto



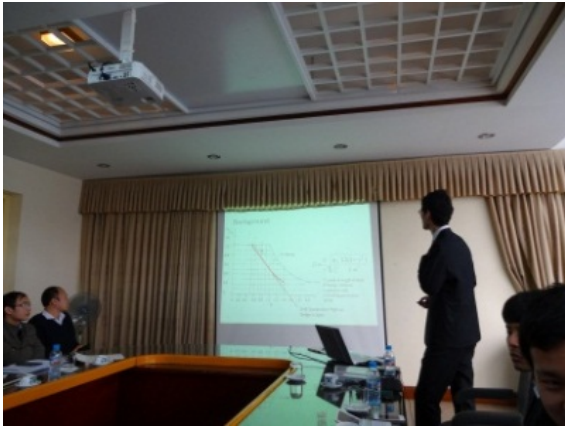
Presentation by Y. Kanaya



Presentation by R. Takanami



Presentation by R. Hirai



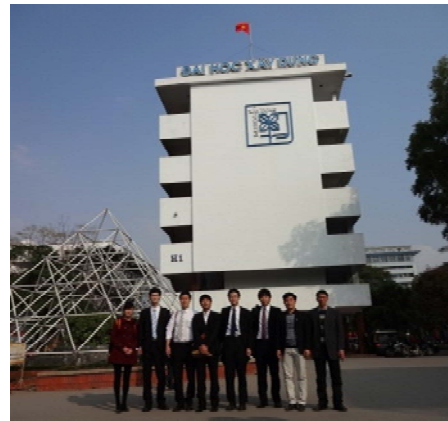
Presentation by R. Hirai



Discussion between Japanese student and Vietnamese faculties



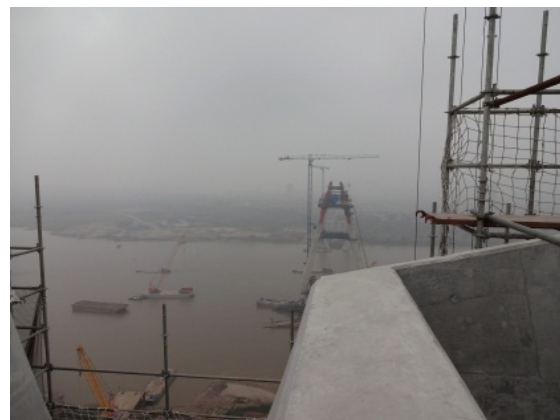
Japanese students

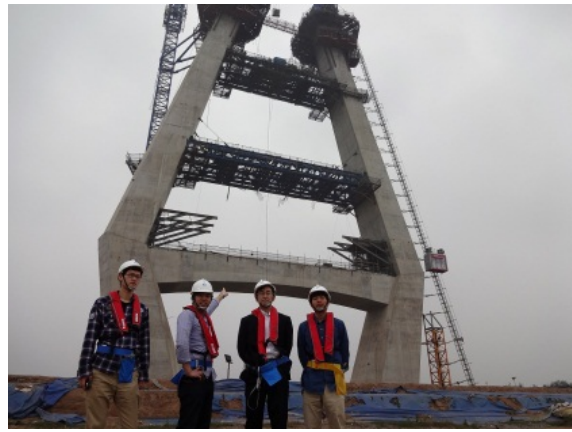


Group photo

### **January 23, 2013**

Visit to NHAT TAN bridge and Office in Vietnam of Central Nippon Expressway Company Limited





**January 25, 2013**

Visit to the oldest university in Vietnam and student communication between NUCE and SU

