

US-UC-KU International Joint Seminar at Kumamoto 2010

Korea-Canada-Japan Joint Seminar on Urban Transportation, Disaster Prevention, Landscape Design, Health and Community Development

August 25-27, 2010 Kumamoto University

Tentative Program

(20min Presentation and 10 min Q&A)

August 25th (Wednesday)

1:00 PM Opening Remark by Kenji FURUKAWA, Vice-President (International Affairs) of Kumamoto University

1:10PM - 2:40 PM Session 1: Design and Modeling of Transportation

Shoshi MIZOKAMI (KU) and Toshio FUJIMI: Bus Network Reorganization and Mechanism Design for Incentive Subsidy Scheme
Alexandre de Barros (UC): Factors Affecting the Ability of Airports to Attract Transfer Passenger Traffic
Jaisung Choi (US): Analysis of Safety Effects of Geometric Design Standards for Roundabouts
(coffee break)

3:00PM - 5:00 PM Session 2: Transportation Planning

Masayuki FUKUMOTO (Nagoya Univ.), Yosuke NISHIYAMA, Hirokazu KATO, Zhuo SUN: A Feasibility Analysis of Introduction of Small Capacity Public Transport System in an Area with Sparse Public Transport Demand
Emri Juli Harnis (KU): Learning from London and Seoul Experiences in Public Transport Reform
Takuya MARUYAMA (KU): Proposal of Peak-load Deposit System to Urban Congestion Problem
Yin Yanhong (KU): A Model to Evaluate Energy Efficiency from the Viewpoint of Individual Quality of Life

6:00PM-8:00PM Welcome Dinner (Nabori)

August 26th (Thursday)

9:00AM - 10:30AM Session 3: Safety, Transport & Disaster Prevention

Fumihiko Yamada (KU): Development and Implementation of Community-based Flood Monitoring System
SooBeom Lee (US): A Study on Driver's Psychological Reaction in a Very Long Tunnel using a Driving Simulator
Do-Gyeong Kim (US): Developing Crash Prediction Models for Hot Spot Identification Without Zero Crash Counts
(coffee break)

10:40AM - 12:10PM Session 4: Models and Simulation in Transport and Land-use

Youngchan Kim (US): Traffic Flow Simulation of Freeway Exit-Ramp Congestion based on Daganzo's Two-Pipe Model
John Douglas Hunt (UC) and M Hassanvand: Factors Affecting Utility of Passenger Modes in Calgary
Atsushi SUZUKI (Meijyo Univ.): A Matching Model of Housing Market for Land-Use Micro-Simulation

12:15PM - 1:00 PM Lunch (FORICO)

1:10PM - 2:40PM Session 5: Planning and Disaster Prevention

Mitsuo MOROZUMI (KU, Dean, School of Engineering): Planning goals and tasks for 400 year old Castle City: Kumamoto
Ryuji Kakimoto (KU) TBA
Toshio FUJIMI (KU), Ryuji KAKIMOTO, Fumihiko YAMADA: Empirical Study on Dynamic Change of Flood Risk Curve in Kosen Town,

3:00PM - 5:00 PM Technical Tour (with University Bus)

6:00PM - 9:00PM Conference Dinner (SUNTORY Beer Garden)

August 27th (Friday)

9:00AM -10:30AM Session 6: ICT and Health Promotion

Kanzo OKAZAKI (Waseda Univ.), Ai SHIBATA, Kaori ISHII, Fujimi TAKEDA-IMAI Hiroko YAKO-SUKETOMO, Yoko KAWAMURA, Keiko MORIYA, Koichiro OKA: Municipal Approach for Promoting Walking in Local Community: Integration of Environmental Equipment and ICT Program
Hiroko YAKO-SUKETOMO (National Cancer Center): Intersectoral collaboration for health promotion activities
Yoko Kawamura (KU): Entertainment-education strategy for healthy community
(coffee break)

10:40AM -12:10PM Session 7: ICT and Transportation

Takuma MITANI (Univ. of Tokyo) & Eiji HATO: Application of Traffic Assignment Using Probe Person Data and Micro-Traffic Simulator
Seungjae Lee (US): Reliability Based Dynamic User Equilibrium Traffic Assignment
Hiroki YAMAZAKI (Kyoto Univ.), Nobuhiro UNO, Fumitaka KURAUCHI, Yasuhiro SHIOMI: The Effect Analysis of a New Intercity Expressway using ETC Data

12:20PM - 1:20 PM Lunch

1:30 PM - 3:00 PM Session 8: City and Community development (1)

Kayako Kobayashi (Yufu City Council/KU), Seiji Yoneda, Tadashi Takao: Tourism Development in Yufuin / Making a Landscape Plan and Agreement of Yunotsubo District in Yufuin by local residents.
Yasushi Iwabuchi (KU): Urban Development and Participatory Democracy - The Case Example of Bordeaux in France-
Shin-ya Ueno (KU): Measuring Social Capital
(coffee break)

3:20 PM - 4:50 PM Session 9: City and Community development (2)

Yuji HOSHINO (KU) and Kaoru ONO: A Street Design as a Device to Cultivate Attachment of Inhabitants
Keiko Nagamura (KU): Conservation of Tsujun Irrigation System
Naoto Tanaka (KU): Local Participation Experience for the Preservation of the Cultural Landscape of Rice Fields in Shiraito Plateau and Tsujun Irrigation Canal

5:00PM Closing Remark

(Note) US: University of Seoul, UC: University of Calgary, KU: Kumamoto University