



**PRSCO
2011**

The 22nd Pacific Regional Science
Conference Organization
The Pacific Conference of Regional
Science Association International (RSAI)

**Seoul KyoYuk MunHwa HoeKwan
3~6 July, 2011, Seoul, KOREA**

CONFERENCE PROGRAM

The overall theme of Conference:

**New Trend & Challenges – Green Growth of Regional Economy
and High Tech Development & Job Creation**



RSAI

The Regional Science Association International

Welcome and Thanks

Dear Colleagues,

It is my great pleasure to welcome you to the 22nd Meeting of the Pacific Regional Science Conference and to Seoul. We are delighted that you are able to join us in Seoul where I know we will see, as with previous PRSCO conferences, a very fruitful exchange of knowledge and rigorous analysis of the key questions in urban and regional system, space and economy..

Our conference theme this year is “New Trend and Challenges – Green Growth of Regional Economy and High Tech Development & Job Creation.” Today we face the global challenges compounded by environmental, economic, and social problems. There has to be a paradigm shift in the way they are managed. The green growth is the only option if we are to surmount the difficulties in climate change, energy consumption and also socio-economic hardship. That would be the opportunity to develop the world in a sustainable and responsible manner.

PRSCO 2011 is hosted by the Korean Regional Science Association (KRSA) which is the local branch of the international body, RSAI and a member of PRSCO.

I would like to thank all those who have aided in constructing this program - the local organizing committee, student volunteers and our conference partners. In particular, I have to thank the many sponsors: Presidential Committee on Regional Development(PCRD), Korea Research Institute for Human Settlements(KRIHS), Chosunilbo, Global Economy & Industry Institute(GEI),etc for their full material and emotional support in preparations of this conference. At the conference hotel, Seoul KyoYuk Munhwa HoeKwan has provided great assistance in organizing meeting spaces and conference services.

With 135 papers given by presenters from many countries this is truly an international conference. Plenary sessions, special sessions and contributed papers have addressed themselves to the many regional aspects of challenges we face.

I look forward to the next three days in which regional scientists from across the Pacific and further afield come together to advance knowledge, scholarship and friendships. I wish you all well for a conference which I am sure will be both enjoyable and inspiring. Enjoy the Conference, our city and the field trips around Seoul. We hope you have a truly enjoyable as well as intellectually stimulating time with us.

Jichung Yang
Seoul National University
Chair, Local Organizing Committee
PRSCO 2011 Conference

PRSCO 2011 Local Organizing Committee



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Councilors-at-large	Alessandra Faggian, Roberta Capello, Graham Clarke, Sam Park, Danni Shefer, Johan Lundberg

General Conference Information

Conference Venue

- Seoul KyoYuk MunHwa HoeKwan
- 202 Yangjae2-dong, Seocho-gu, Seoul, Korea

Accommodation

For assistance with accommodation 24 hours per day, please contact The Front Desk on the first floor of the hotel.

- Tel: +82-2-526-9410
- Internet: www.temf.co.kr/eng/

Conference Map

A map of the conference area follows the index.

Registration

Conference registration will be located at the Cosmos Hall (Hotel 2F). Registration will be open during the following hours:

Sunday, July 3 rd	3:30pm - 6:00pm
Monday, July 4 th	7:30am - 6:00pm
Tuesday, July 5 th	7:30am - 6:00pm
Wednesday, July 6 th	7:30am - 12:00pm

Restaurants

• Café "Ojakyo"	07:00am – 10:30pm	Hotel 1F	82-2-526-9556
• Western Restaurant "Rose"	07:00am – 10:00pm	Hotel 1F	82-2-526-9556
• Western Bar	07:00am – 10:00pm	Hotel 1F	82-2-526-9556
• Japanese Restaurant "Sunrise"	11:00am – 10:00pm	Hotel 2F	82-2-577-3600
• Group Restaurant "Arirang"	07:00am – 09:00pm	Hotel 1F	82-2-526-9565
• Bakery "Deli Shop"	10:00am – 09:00pm	Hotel 1F	82-2-526-9556

Taxi Services

- International TAXI service is offered 24 hours in English and Japanese by phone.
 - Tel: 82-1644-2255
 - E-mail : reserve@intltaxi.co.kr
- The reservation is also available on the webpage. (Korean, English, Chinese, and Japanese)
 - Internet: www.intltaxi.co.kr/

Program Information

Session Organization

Find your name in the Participant Index at the back of this Program to see the session numbers in which you have a role to play, either as Presenter, Discussant, or Chair.

Instructions to Chairs and Presenters

- Please adhere to the times printed in the Program. Each session is assigned a specific time.
- Each paper should be allocated 20 minutes (assuming 4 papers per session), with 10 minutes allocated for the presentation, 5 minutes for the discussant, and 5 minutes for general questions from the audience.
- Please be considerate of the next session by ensuring your session is completed at the appropriate time and that the room is vacated for the next session to set up. Our turnaround time between sessions is relatively short, so attention to timing is appreciated.

Role of Chair

The role of a Chair is to keep all the papers on time. Each paper has 10 minutes for delivery, 5 minutes for the Discussant to give her/his comments.

Role of Discussant

The role of the discussant is to give some very short comments back to the paper giver and to raise some intellectual questions posed by the paper's theme (or to raise very concrete issues and questions posed in the paper).

** A projector and a notebook computer will be provided in each room.*

Schedule Overview

Sunday, July 3 rd	Monday, July 4 th	Tuesday, July 5 th	Wednesday, July 6 th
-	Registration 7:30am - 6:00pm	Registration 7:30am - 6:00pm	Registration 7:30am - 12:00pm
	Opening Ceremony (2F "Gayageum") 8:40am - 9:10am	Parallel Sessions 5-1 8:30am - 10:00am	Parallel Sessions 6-1 8:30am - 10:00am
	Round-table Discussion (2F "Gayageum") 9:15am - 10:30am		
	Coffee 10:30am-10:45am	Coffee 10:00am - 10:20am	Coffee 10:00am-10:20am
	Parallel Sessions 4-1 10:45am - 12:00pm	Parallel Sessions 5-2 10:20am - 11:50pm	Parallel Sessions 6-2 10:20am - 11:50am
Registration (2F "Cosmos") 3:30pm - 6:00pm	Lunch (2F Buffet "the Park") 12:00pm - 1:30pm	Keynote Speech (2F "Gayageum") 12:00pm - 12:30pm Lunch (1F Restaurant "Arirang") 12:30pm - 1:30pm	Lunch (1F Restaurant "Arirang") 12:00pm - 1:30pm
	Parallel Sessions 4-2 1:45pm - 3:00pm	Parallel Sessions 5-3 1:45pm - 3:00pm	Industry & City Tour 2:00pm – 7:00pm
	Coffee 3:00pm-3:15pm	Coffee 3:00pm-3:15pm	
PRSCO Council Meeting (3F "Daeyeum") 3:30pm - 5:00pm	Parallel Sessions 4-3 3:15pm - 4:30pm	Parallel Sessions 5-4 3:15pm - 4:30pm	
	Break 4:30pm-4:40pm	Break 4:30pm-5:00pm	
Ice Breaker Reception (2F "Gayageum") 6:00pm - 8:00pm	Parallel Sessions 4-4 4:40pm - 6:00pm	Award, speech (2F "Gayageum") 5:00am - 6:00pm	-
	Dinner : Invitation Only (3F "Geomungo C") 6:30pm - 8:30pm	Dinner (3F "Geomungo AB") 6:30pm - 8:30pm	

(Invitation means Participants)

■ Meetings

- **PRSCO Council Meeting** 3rd, July 3:30pm - 5:00pm (3F Daeyeum)
- **RSAL LRPC** 5th, July 8:00am - 9:00am (3F Daeyeum)
- **RSAL Council Meeting** 5th, July 2:00pm - 3:30pm (3F Daeyeum)
- **RSAL General Assembly** 5th, July 3:45pm - 4:45pm (3F Daeyeum)

■ Co-Session (By Co-organizer KRIHS)

- **Space Economy & Nation** 5th, July 2:45pm – 4:45pm (2F Gayageum A)

PRSCO 2011 Conference Program

Sunday, July 3rd

3:30pm - 6:00pm	Registration	(2F Cosmos)
3:30pm - 5:00pm	<i>PRSCO Council Meeting</i>	(3F Daegeum)
6:00pm - 8:00pm	Ice Breaker Reception	(2F Gayageum)

Monday, July 4th

7:30am - 6:00pm	Registration	(2F Cosmos)
8:40am - 9:10am	Opening Ceremony	(2F Gayageum)
1.	President Speech PRSCO : 5Min. - Prof. John Madden (AU)	
2.	President Speech RSAI : 5Min. - Prof. Yoshiro Higano (JSRSAI), RSAI President (2011-) higano@jrsrai.envr.tsukuba.ac.jp	
3.	Welcome Speech : 5-7Min. - Prof. Jichung Yang (Seoul National University), Chairperson LOC the 22nd Pacific Conference of RSAI, PRSCO Elected next president PRSCO	
9:15am - 10:30am	Plenary Round-table Discussion	(2F Gayageum)
	Plenary Round Table Session (Chair: Prof. Roberta Capello) < Green Growth of Regional Economy, High Tech Development and Job Creation >	
	- Prof. Kingsley E. Haynes , - Prof. Geoffrey J.D. Hewings , - Prof. Budy P. Resosudarmo ,	

- Prof. **Jouke van Dijk**,
- Prof. **Yuzuru Miyata**,
- Prof. **Ryohei Nakamura**

10:45am - 12:00pm **Parallel Sessions 4-1**

- 401.** Urban and Regional Issues in China, Japan, Korea and East Asian countries
(2F Gayageum A)
- 402.** Industry Analysis and Data Management
(3F Sogeum)
- 403.** Methods and Model Building
(3F Heageum A)
- 404.** Green Growth and Nation
(3F Heageum B)
- 405.** Disaster Management
(3F Daegeum)
- 406.** Regional Labor Market Dynamics
(3F Bipa)

12:00pm - 1:30pm **Lunch** **(2F Buffet)**

1:45pm - 3:00pm **Parallel Sessions 4-2**

- 407.** Urban and Regional Issues in China, Japan, Korea and East Asian countries
(2F Gayageum A)
- 408.** Job Creation and Green Growth of Regional Economy ; Productivity and Entrepreneurship
(3F Sogeum)
- 409.** Water and River Future
(3F Heageum A)
- 410.** Global Warming and Climate Change
(3F Heageum B)
- 411.** Special Sessions (JSRSAI 50th Anniversary)
(3F Daegeum)
- 412.** Regional Labor Market Dynamics
(3F Bipa)

3:15pm - 4:30pm **Parallel Sessions 4-3**

- 413.** Special Sessions (JSRSAI 50th Anniversary)
(2F Gayageum A)
- 414.** Location Theory
(3F Heageum A)
- 415.** Global Warming and Climate Change
(3F Heageum B)

416. CGE model and Input Output Model (3F Daegeum)

417. Regional Labor Market Dynamics (3F Bipa)

4:40pm - 6:00pm **Parallel Sessions 4-4**

418. Special Sessions (JSRSAI 50th Anniversary) (2F Gayageum A)

419. Location Theory (3F Heageum A)

420. Global Warming and Climate Change (3F Heageum B)

421. CGE model and Input Output Model (3F Daegeum)

422. Regional Labor Market Dynamics (3F Bipa)

6:30pm - 8:30pm **Dinner** (Invitation Only) **(3F Geomungo C)**

Tuesday, July 5th

7:30am - 6:00pm **Registration** (2F Cosmos)

8:00am - 9:00am ***RSAI LRPC*** (3F Daegeum)

8:30am - 10:00am **Parallel Sessions 5-1**

501. Public Finance and Tax (3F Sogeum)

502. New Perspectives of Regional Science (3F Heageum A)

503. Special Sessions (JSRSAI 50th Anniversary) (3F Heageum B)

10:20am - 11:50am **Parallel Sessions 5-2**

504. Mega Cities Planning		(2F Gayageum A)
505. Public Finance and Tax		(3F Sogeum)
506. Infrastructure and Social Overhead Capital Investment Issues		(3F Heageum A)
507. Special Sessions (JSRSAI 50 th Anniversary)		(3F Heageum B)
508. Urban and Regional Issues in China, Japan, Korea and East Asian countries		(3F Daegeum)
12:00pm - 12:30pm	Keynote Speech	(2F Gayageum)
	Keynote address by Prof. Roberta Capello	
	<i><Innovation and Regional Development with a New Conceptual Approach></i>	
12:30pm - 1:30pm	Lunch	(1F Arirang)
1:45pm - 3:00pm	Parallel Sessions 5-3	
	509. Regional Integration and Block Economy; Urban Economics and Real Estate Market	(3F Sogeum)
	510. New Perspectives of Regional Science; Disaster Management	(3F Heageum A)
	511. Regional Issues in Investment; Regional Model and Housing Market	(3F Heageum B)
3:15pm - 4:30pm	Parallel Sessions 5-4	
	512. Regional Integration and Block Economy	(3F Heageum A)
2:45pm – 4:45pm	Co-session (Space Economy & Nation, KRIHS)	(2F Gayageum A)
2:00pm - 3:30pm	<i>RSAI Council Meeting</i>	(3F Daegeum)
3:45pm – 4:45pm	<i>RSAI General Assembly</i>	(3F Daegeum)
5:00pm – 6:00pm	Award Speech	(2F Gayageum)
6:30pm – 8:30pm	Dinner	(3F Geomungo)

Wednesday, July 6th

8:30am - 10:00am **Parallel Sessions 6-1**

601. Methods and Model Building (3F Heageum A)

602. CGE model and Input Output Model (3F Heageum B)

10:20am - 11:50am **Parallel Sessions 6-2**

603. School of Regional Science (3F Heageum A)

604. Urban and Regional Economy Forecasting (3F Heageum B)

12:00pm - 1:30pm **Lunch** (1F Arirang)

2:00pm – 7:00pm **Industry & City tour**

Parallel Session 4-1

10:45am-12:00pm, Monday, July 4th

401. Urban and Regional Issues in China, Japan, Korea and East Asian countries

Chair: **Suminori Tokunaga** (University of Tsukuba)

Location: 2F Gayageum A

- **Hiroaki Shirayanagi**(Nara Prefectural Office), **Yukisada Kitamura**(Setsunan Univ.), *Study on the construction of a transportation network system connecting highways and city railroads in urban regions-intermodal transport policies in regional public transportation planning*
- **Takamune Fujii**(Takasaki City Univ. of Economics), **Mariko Futamura**(Tokyo Woman's Christian Univ.), *Does Globalization Eliminate International Transaction Costs? The Case of Japanese International Air Passenger Transportation*
- **Jesus Lopez Rodriguez**(Univ. of A Coruna), **Daisuke Nakamura**(The International Centre for the East Asian Development), *Mind the Remoteness!. Income disparities across Japanese Prefectures*
- **Shinichi Furuzawa**(Univ. of Tokyo), **Lily Kiminami**(Niigata Univ.), *Agri-environmental Policy in Japan: Factors and Effects of Introduction of Environment-friendly Farming in Niigata Prefecture*
- **Discussants** : Takamune Fujii, Jesus Lopez Rodriguez, Shinichi Furuzawa, Hiroaki Shirayanagi

402. Industry Analysis and Data Management

Chair: **Viktor Venhorst** (University of Groningen)

Location: 3F SogeuM

- **William P Anderson**(Univ. of Windsor), *The Canada-US Border and the Ontario Economy*
- **Wilmar Salim**(Institut Teknologi Bandung), **Bahtiar Rifai**(Indonesian Institute of Sciences) *Optimizing linkage between industrial estates and local economy as regional development strategy*
- **Wisinee Wisetjindawat**(Nagoya Institute of Technology), **Kimitaka Kakita**, **Nobuaki Tohmatsu**, **Eizo Hideshima** and **Koshi Yamamoto**(Aomori Prefectural Industrial Technology Research), *An analysis of shippers' port selection behavior in chubu region, japan- social network analysis technique*
- **Discussants** : Wilmar Salim, Wisinee Wisetjindawat, William P Anderson

403. Methods and Model Building

Chair: **Patricio Aroca** (Universidad Catolica del Norte)

Location: 3F Heageum A

- **Haruo Takasaki**(KDDI Research Institute), **Toshiya Jitsuzumi**(Kyushu Univ.), *Study of User Acceptance of Personal Information Use for Online Services*
- **Xiaonan Cong**, **Zheng Wang**, *Modeling ethnic relationship: a research based on multi-agent*
- **Akihiko Kaneko**, **Hideya Kato**(Nagoya Univ.), **Tsuyoshi Shinozaki**(Nagoya Univ.) and **Mitsuyoshi Yanagihara**(Nagoya Univ.), *Habit, Fertility and Economic Growth*

- **Kazuki Tanada**(Hokkaido Univ.), **Kenetsu Uchida**(Hokkaido Univ.) and **Seiichi Kagaya** (Hokkaido Univ.), *A Study on Midnight Transport Mode Choice by using Nested Logit Model*
- **Discussants** : Haruo Takasaki, Akihiko Kaneko, Kazuki Tanada

404. Green Growth and Nation

Chair: **Budy P. Resosudarmo** (Australian National University) Location: 3F Heageum B

- **Mohd Yusof Kasim**(Asia Pacific Univ.), **Mohd Shukri Hajinoor**(Univ. Kebangsaan Malaysia) and **Alimardon Abdugarimov**(Petronas), *Green Growth Market in the Asia Pacific Region and Malaysia*
- **Juan Manuel García-Samaniego**(Universidad Técnica Particular de Loja), **Luis María Reyes Yaguana**(Universidad Técnica Particular de Loja), *The energy consumption of the ecuadorian economy, 1973-2006, empirical analysis by the method of vector autoregressive (VAR).*
- **Katia Andrade**(Hokkaido Univ.), **Seiichi Kagaya**(Hokkaido Univ.), *Cycling within Sapporo Urban Area*
- **A. Rodrigues**(Univ. of Azores), **T. Dentinho**(Univ. of Azores) and **C. Silva**(Technical Univ. of Lisbon), *The Value of the Wind*
- **Discussants** : Yong Sung Lee(Seoul National Univ.), Katia Andrade, A. Rodrigues

405. Disaster Management

Chair: **John I. Carruthers**(The George Washington Univ.) Location: 3F Daegeum

- **Toshihisa Toyoda**(Hiroshima Shudo University), *Japan's Disaster Management - Characteristics, Lessons and Challenges-*
- **Seiichi Kagaya**(Hokkaido Univ.), **Saori Usami**(Hokkaido Univ.) and **Kenetsu Uchida** (Hokkaido Univ.), *An Application of Multi-Agent Simulation to Evacuation Measures in Landslide Disaster*
- **Yasuhide Okuyama**(Univ. of Kitakyushu), *Long-run effects of a disaster*
- **Masahiro Arima**(Univ. of Hyogo), **Michitaka Arima**(Univ. of Hyogo), *Possibility of Evacuation Support System Operated by Local Residents*
- **Discussants** : Masahiro Arima, Toshihisa Toyoda, Seiichi Kagaya

406. Regional Labor Market Dynamics

Chair: **Mark Partridge** (The Ohio State University) Location: 3F Bipa

- **Jaewon Lim**(Univ. of Arizona), *Attracting Highly Educated Migrants for Regional Economic Growth - Is this Viable Solution to All?*
- **Ronald McQuaid**(Edinburgh Napier Univ.), *Travel to Work Limits and Employment Status of Parents*
- **Tae-Jeong Kim, Geoffrey J.D. Hewings**(Univ. of Illinois), *Endogenous growth of the ageing economy with intra-generational heterogeneity over migration status*
- **Huaqun Li**(George Mason Univ.), **Shaoming Chen**(Florida International Univ.), **Kingsley E. Haynes**(George Mason Univ.), *The Employment Effects of New Business Formation: A Regional Perspective*
- **Discussants** : Ronald McQuaid, Seung-Whan Seo(Yonsei Univ.), Jaewon Lim

Parallel Session 4-2

1:45pm-3:00pm, Monday, July 4th

407. Urban and Regional Issues in China, Japan, Korea and East Asian countries

Chair: **Kingsley E. Haynes** (George Mason University)

Location: 2F Gayageum A

- **Dae-Heum Baek**(Korea University), **Sei-Yong Kim**(Korea University), *A study on Cultural indicators to analyze change Seoul*
- **Jun Yokoyama**(Hokkaidou Regional Development Bureau), **Masahiro Kamata**(Alpha Hydraulic Engineering Consultants Co., Ltd.), **Kaori Ohata**(Alpha Hydraulic Engineering Consultants Co., Ltd.), **Akira Nagano**(Japan Fishing Port Construction Society), **Hisae Kasai**(Hokkaido Univ.) **and Mamoru Yoshimizu**(Hokkaido Univ.), *Study on Improvement of Fishing Port for the Sea Food Hygiene Control and Sustainable Utilization of Fishery Resources*
- **Mohd Yusof Kasim**(Asia Pacific Univ.), **Mohd Shukri Hajinoor**(Univ. Kebangsaan Malaysia) **and Alimardon Abdulkarimov**(Petronas), *Regionality of Vulnerabilities of Fishermen in Kelantan, Malaysia*
- **Chen Chou Yu**(Nagoya Sangyo Univ.), **Ishibashi Kenichi**(Nagoya Sangyo Univ.), *Preventive environmental policy and inhabitants' environmental consciousness - the example of Ilan*
- **Discussants** : Ishibashi Kenichi, Jun Yokoyama, Mohd Shukri Hajinoor, Hiroki Shibata

408. Job Creation and Green Growth of Regional Economy ; Productivity and Entrepreneurship

Chair: **Richard Shearmur** (INRS Urbanisation Culture Société)

Location: 3F Sogeuem

- **Junwon Seo**(Office for Civic Soutlion), **Joolim Lee**(Office for Civic Soutlion) **and Ahleum Kim**(Office for Civic Soutlion), *A Study of Network Management Models of Small and Medium-sized Enterprises (SMEs) for the Korean Green Technology Support*
- **Seungkyu Park**(Seoul National Univ.), **Euijune Kim**(Seoul National Univ.), *Economic Contribution of R&D Investments to the Growth of Manufacturing Sector*
- **T. R. Lakshmanan**(Boston Univ.), *Entrepreneurship of Socioeconomic Change: the Transition of New York to the Knowledge Economy and to a Global Gateway City*
- **Richard Shearmur**(INRS Urbanisation Culture Société), *KIBS innovation in a polycentric city: are KIBS more innovative when they locate in clusters?*
- **Discussants** : Kyo Jun Koo(Korea Univ.), T. R. Lakshmanan, Phillip McCann (Univ. of Groningen)

409. Water and River Future

Chair: **Henk Folmer** (University of groningen)

Location: 3F Heageum A

- **Yusep Suparman**(Padjadjaran Univ.), **Henk Folmer**(Groningen University and Wageningen University, the Netherlands), **Han Oud**(Radboud University Nijmegen, the Netherlands) **and Budy P. Resosudarmo**(The Australian National University, Australia), *Eliciting the Willingness to Pay for Piped Water from Self-Reported Rent Appraisals in Indonesia: A Restricted Autoregressive Panel – SEM*

- **Feng Xu**(Univ. of Tsukuba), **Takuya Yoshizawa**(Univ. of Tsukuba), **Nan Xiang**(Univ. of Tsukuba) and **Yoshiro Higano**(Univ. of Tsukuba), *The Study on Evaluation of Economic Influence by Reasonable and Effective Use of Groundwater*
- **Md. Fakrul Islam**(Univ. of Rajshahi), **A.N.M. Bazlur Rashid**(UNO, Charghat, Rajshahi), *Riverbank Erosion in Bangladesh and Problems of Internally Displaced Populations: A Social Survey*
- **Wardatul Akmam**(Univ. of Rajshahi), **MD. Fakrul Islam**(Univ. of Rajshahi), *Taranagar from 2000 TO 2011: Changes in Arsenic-related Situation in a Badly Affected Village in Meherpur, Bangladesh*
- **Discussants** : Md. Fakrul Isam, Wardatul Akmam, Takuya Yoshizawa, Yusep Suparman

410. Global Warming and Climate Change

Chair: **Katsuhiro Sakurai** (Rissho University) Location: 3F Heageum B

- **Rui Huang**(East China Normal Univ.), **Zheng Wang**(East China Normal Univ./CAS) and **Yongbin Zhu**(East China Normal Univ.), *Prediction on Tianjin's Energy Carbon Emission*
- **Xiao Liu**(East China Normal Univ.), **Zheng Wang**(East China Normal Univ./CAS), *Prediction on Carbon Emissions Trend in Chongqing*
- **Anping Chen**(Jinan Univ.), **Nicolaas Groenewold**(Univ. of Western Australia) and **A. J. Hagger**(Univ. of Tasmania), *The Regional Economic Effects of a Reduction in Carbon Emissions*
- **Discussants** : Anping Chen, Nicolaas Groenewold, Zheng Wang

411. Special Sessions (JSRSAI 50th Anniversary)

Chair: **Yuzuru Miyata** (Toyohashi University of Technology) Location: 3F Daegeum

- **Motoi Hiroshima**(Data design Ltd.), **Toru Matsui**(Tokyo Gas Co., Ltd.), **Akira Nagano**(Future Univ.-Hakodate), **Keiichiro Motomatsu**(Hokkaido Univ.), **Miku Hirose**(ECONIXE Co., Ltd.) and **Noritaka Asakawa**(National Research Institute of Fisheries Engineering), *Study on the Possibility of Applying Methane Fermentation Technology to Aquaculture Kelps and Creating a New Energy Industries Network*
- **Akira Nagano**(All Japan Fishing Port Construction Association), **Keiichiro Motomatsu**(Hokkaido Univ.), **Atsumi Furuya**(Hokkaido Univ.), **Shinpei Nagano**(Nippon Data Service Co., Lid.) and **Miku Hirose**(Econixe Co., Ltd), *Fishery and fishing villages vitalization with the sixth primary industry and fishery infrastructure*
- **Haruo Takasaki**(KDDI Research Institute), *Study of User Acceptance of Secondary Use of Personal Information for Online Services*
- **Discussants** : Haruo Takasaki, Akira Nagano, Seungwhan Seo(Yeunsei U.)

412. Regional Labor Market Dynamics

Chair: **Jouke van Dijk** (University of Groningen) Location: 3F Bipa

- **Tiago Freire**(National Univ. of Singapore), *Maids and School Teachers: Low Skill Migration and High Skill Labor Supply*
- **Devanto Pratomo**(Univ. of Brawijaya), *The Effects of Regional Minimum Wage on Hours Worked in Indonesia*
- **Douglas P. Woodward**(Univ. of South Carolina), *The Regional Employment Effects of High-Growth Firms in the United States*

- **Alessandra Faggian**(Univ. of Southampton), **Mark Partridge**(The Ohio State Univ.) and **Dan Rickman**(Oklahoma State Univ.), *Cultural avoidance and internal migration in the USA: Do the Source Countries Matter?*
- **Discussants** : Devanto Pratomo, Tiago Freire, Alessandra Faggian, Douglas P. Woodward

Parallel Session 4-3

3:15pm-4:30pm, Monday, July 4th

413. Special Sessions (JSRSAI 50th Anniversary)

Chair: **Yoshiro Higano** (University of Tsukuba)

Location: 2F Gayageum A

- **Hiroyuki Shibusawa**(Toyohashi Univ. of Technology), **Xu Zhang**(Toyohashi Univ. of Technology), *Evaluating the Economic Impacts of an Earthquake: A Spatial CGE Application*
- **Hiroyuki Shibusawa**(Toyohashi Univ. of Technology), **Katsuhiro Sakurai**(Rissho Univ.) and **Takeshi**, *Evaluating the Regional Economy and the Water Environment in Toyogawa Basin*
- **Kosuke Yamashiro**(Fukuoka Univ.), **Saburo Saito** and **Mamoru Imanishi**, *A Poisson model to forecast the numbers of visitors to shopping sites with intervening opportunity effects: How many visitors would be intercepted if a shopping site is developed midway to their destination*
- **Yuzuru Miyata**(Toyohashi Univ. of Technology), **Indrawan Permana**(Toyohashi Univ. of Technology), *Analysis of Dynamic Rural-Urban-Natural Environment - An Interactive Spatial Model*
- **Discussants** : Hiroyuki Shibusawa, Yuzuru Miyata, Kosuke Yamashiro

414. Location Theory

Chair: **Tschangho John Kim** (University of Illinois)

Location: 3F Heageum A

- **Seok-Joon Hwang**(Keimyung Univ.), **Kidong Lee**(Keimyung Univ.), *Location choice of FDI : Heterogeneity from source countries*
- **Daisuke Nakamura**(The International Centre for the East Asian Development), *Central-place system, administrative and functional structures in Japan*
- **Ion Lucian Ceapraz**(Polytechnic Institute LaSalle Beauvais), *How spatial localization determinants can be used to test for the economic integration: a theoretical framework applied to clusters*
- **Discussants** : Daisuke Nakamura, Ion Lucian Ceapraz, Seok-Joon Hwang

415. Global Warming and Climate Change

Chair: **Anping Chen** (Jinan Universtiy)

Location: 3F Heageum B

- **Arief Anshory Yusuf**(Padjadjaran Univ.), **Ahmad Komarulzaman**(Padjadjaran Univ.), **Wawan Hermawan**(Padjadjaran Univ.), **Djoni Hartono**(Univ. of Indonesia) and **Kindy R. Sjahrir**(Fiscal Policy Office-Ministry of Finance, Republic of Indonesia), *Scenarios for Climate Change Mitigation from the Energy Sector in Indonesia: The Role of Fiscal Instruments*
- **Takashi Hayashi**(Policy Research Institute, Ministry of Agriculture), **Mitsuyasu Yabe**(Kyushu Univ.), *Environmental Co-Benefit of Domestic Rice Feed Consumption in Japan*
- **Ditya A. Nurdianto**, **Budy P. Resosudarmo**(Australian National Univ.), *Economy-wide Impact of a Carbon Tax in an Integrated ASEAN*
- **Rui Huang**(East China Normal Univ.), **Zheng Wang**(East China Normal Univ./CAS), **Yongbin Zhu**(East China Normal Univ.) and **Xiaozhe Ma**(East China Normal Univ.), *Research of City's Carbon Emissions - take Tianjin, China as an example*
- **Discussants** : Takashi Hayashi, Djoni Hartono, Ahmad Komarulzaman

416. CGE model and Input Output Model

Chair: **Euijune Kim** (Seoul National University)

Location: 3F Daegeum

- **Resya Kania**(National Development Planning Agency), *Supporting Social Protection Floor through Fiscal Decentralization*
- **John R. Madden**(Monash Univ.), **Evan Gwee**(Monash Univ.), *Transport Infrastructure, agglomeration effects and urban labour markets: A spatial CGE analysis*
- **Takanori Inayama**(Gifu Univ.), **Akiyoshi Takagi**(Gifu Univ.), **Koji Kitaura**(Tezukayama Univ.), *Assessment for Forestry Management Policies referring to Effect of CO₂ Balance and Regional Economy*
- **Discussants** : John R Madden, Takanori Inayama, Resya Kania

417. Regional Labor Market Dynamics

Chair: **Geoffrey J.D. Hewings** (University of Illinois)

Location: 3F Bipa

- **Alessandra Faggian**(Univ. of Southampton), **Roberta Comunian** and **Cher Li**, *The 'Creativity' and Mobility of Graduate Human Capital: Evidence from the UK*
- **Viktor Venhorst**(Univ. of Groningen), **Jouke van Dijk**(Univ. of Groningen) and **Leo van Wissen**(Univ. of Groningen), *Consumption or Productivity: Human Capital spillovers in Dutch Cities*
- **Jonathan Corcoran**(Univ. of Queensland) **Alessandra Faggian**(Univ. of Southampton) and **Francisco Rowe**(Univ. of Queensland), *Overseas Human Capital and Visa Changes in Australia*
- **Paul Dalziel**(Lincoln Univ.), *Regional Skills Ecosystems: The Role of Career Educators in the Region's Education Institutions*
- **Discussants** : Jonathan Corcoran, Alessandra Faggian, Paul Dalziel, Viktor Venhorst

Parallel Session 4-4

4:40pm-6:00pm, Monday, July 4th

418. Special Sessions (JSRSAI 50th Anniversary)

Chair: **Akira Nagano** (Future University Hakodate)

Location: 2F Gayageum A

- **Keiichiro Motomatsu**(Hokkaido Univ.), **Akira Nagano**(Future Univ. - Hakodate), **Miku Hirose**(ECONiXE Co., Ltd.), **Atsumi Furuya**(Hokkaido Univ.) and **Shinpei Nagano**(Nippon Data Service Co., Ltd.), *Execution and problem, of regional collaboration between industry and academia and government*
- **Yuzuru Miyata**(Toyohashi Univ. of Technology), *An Urban Economic Model over a Continuous Plane with Spatial Characteristic Vector Field - A Trial of an Asymmetric Land Use Pattern and Internalization of Transport Networks*
- **Lily Kiminami**(Niigata Univ.), **Shinichi Furuzawa**(Univ. of Tokyo), *Potential and Issues in International Agricultural Cooperation*
- **Madoka Okimoto**(Nagoya Univ.), *Theoretical research on International trade under international asymmetric information in a case concerning food*
- **Discussants** : Madoka Okimoto, Lily Kiminami, Keiichiro Motomatsu

419. Location Theory

Chair: **Daisuke Nakamura** (ICSEAD)

Location: 3F Heageum A

- **Insu Hong**(Arizona State Univ.), **Alan T. Murray**(Arizona State Univ.), *Advancing Location Model Optimization using Spatial Knowledge and Geographic Insights*
- **Yuko Akune**(Reitaku Univ.), **Suminori Tokunaga**(Univ. of Tsukuba), *Intermediate and Final Food Production Location Choice of Japanese Multinational Food Enterprises in the East Asia: Vertical and Horizontal Food Network*
- **Juyoung Park**(Seoul National Univ.), **Kabsung Kim**(Yonsei Univ.), *The Out-migration Decision of the Elderly in Korea: A Multilevel Logit Model*
- **Discussants** : Juyoung Park, Alan T. Murray, Yuko Akune

420. Global Warming and Climate Change

Chair: **Zheng Wang** (Chinese Academy of Sciences)

Location: 3F Heageum B

- **Ji-Won Park**(Cornell Univ.), **Chae Un Kim** and **Walter Isard**(Cornell Univ.), *Permit allocation in emissions trading using the Boltzmann distribution*
- **Kiyoi Kawamoto**(Hokkaido Univ. of Education), *A Structural Analysis of Regional Environmental Consciousness Affecting Tram Use*
- **Ryohei Nakamura**(Okayama Univ.), **Junji Nakazawa** and **Akira Matsumo**, *Regional Economic Effects of CO₂ Reduction Activity by Wooden Biomass:*
- **Discussants** : Ryohei Nakamura, Kiyoi Kawamoto, Ji-Won Park

421. CGE model and Input Output Model

Chair: **Hiroshi Sakamoto** (ICSEAD)

Location: 3F Daegeum

- **Hee Hwa Min**(Cornell Univ.), *Spatial Disparity Under New Monetary Economic Theory: Application of FCGE*
- **Sutee Anantsuksomsri**(Cornell Univ.), **Nij Tontisirin**(Cornell Univ.), *The Role of Real Estate in the Economy of Thailand: A Financial Computable General Equilibrium Approach*
- **Discussants** : Nij Tontisirin, Hee Hwa Min

422. Regional Labor Market Dynamics

Chair: **Paul Dalziel** (Lincoln University)

Location: 3F Bipa

- **Sierdjan Koster**(Univ. of Groningen), **Nardo de Vries**(EIM Business and Policy Research), *The spatial networks of the solo self-employed and their succes*
- **Maria Abreu**(Univ. of Groningen), **Alessandra Faggian**(Univ. of Southampton) **and Philip McCann**(Univ. of Groningen), *Migration and inter-industry mobility of UK graduates: Effect on earnings and career satisfaction*
- **Discussants** : Maria Abreu, Sierdjan Koster

Parallel Session 5-1

8:30am-10:00am, Tuesday, July 5th

501. Public Finance and Tax

Chair: **John D. Wong** (University of North Texas)

Location: 3F Sogeuem

- **Jaewo Cho**(Seoul National Univ.), *The impact of the capital expenditure proportion on economic growth in local Korean municipalities*
- **Jae Hong Kim**(Kansas State Univ.), **Geoffrey J. D. Hewings**(Univ. of Illinois), *Interjurisdictional Competition & Land Development: A Micro-level Analysis*
- **Andres Faina**(Univ. of A Coruna), **Jesus Lopez-Rodriguez**(Univ. of A Coruna) **and Laura Varela-Candamio**(Univ. of A Coruna), *Necessary consumption and the paradox of fiscal egalitarianism*
- **Chen Lu**(Nagoya Univ.), *Parental Health, Education and Human Capital Accumulation*
- **Ji-Chung Yang**(Seoul National Univ.), **Chu-Hwan Park**(Yeungnam Univ.), *Relative Effectiveness of Taxation and Government Expenditure : Korean Case*
- **Discussants** : Jae Hong Kim, Chu-Hwan Park, Jesus Lopez-Rodriguez, Chen LU

502. New Perspectives of Regional Science

Chair: **Keisei Tanahashi** (Tokyo Keizai University)

Location: 3F Heageum A

- **Hiroshi Yamamura**(Tokyo Univ. of Science), **Ryohei Yamashita**(Tokyo Univ. of Science) and **Takeshi Arai**(Tokyo Univ. of Science), *Survey Analysis of Information-Sharing Between Stakeholders in City Promotion: From Perspective of Local Knowledge Management*
- **Tschangho John Kim**(Univ. of Illinois), *Ubiquitous Access Technologies for Sustainable Cities*
- **Rachel S. Franklin**(Brown Univ.), *The Regional Dynamics of Population Change: A Story of Growth and Decline*
- **Discussants** : Sung-bae Kim(Soongsil Univ.), Tschangho John Kim, Rachel S. Franklin

503. Special Sessions (JSRSAI 50th Anniversary)

Chair: **Hiroyuki Shibusawa** (Toyohashi University of Technology)

Location: 3F Heageum B

- **Nan Xiang**(Univ. of Tsukuba), **Feng Xu**(Univ. of Tsukuba), **Shanshan Wang**(Univ. of Tsukuba), **Yang Li**(Univ. of Tsukuba) and **Yoshiro Higano**(Univ. of Tsukuba), *Study on Comprehensive Evaluation of Environmental Policies on Water pollutant Prevention and Reclaimed Water Utilization in Tianjin, China*
- **Saburo Saito**(Fukuoka Univ.), **Booyoung Park**(Fukuoka Univ.), **Masakuni Iwami**(Fukuoka Univ.), **Takahiro Sato**, **Kosuke Yamashiro**, **Yasufumi Igarashi** and **Masakuni Kakoi**, *How Many Consumers Actually Move Around among Shopping Sites Within Myeong-Dong Area, Seoul?*
- **Hirofumi Abe**(Okayama Univ.), **Kyohei Oda** and **Takehito Ujihara**, *Structural Analysis of Industrial Solid Waste Emissions in Japanese Regions: An application of Interregional Input-output Models*
- **Yuzuru Miyata**(Toyohashi Univ. of Technology), **Shamsunnahar Khanam**(Toyohashi Univ. of Technology), *An Intertemporal Computable General Equilibrium Model of Electric Vehicle Production in Toyohashi City, Japan*
- **Discussants** : Hirofumi Abe, Yuzuru Miyata, Feng Xu

Parallel Session 5-2

10:20am-11:50am, Tuesday, July 5th

504. Mega Cities Planning and Economics

Chair: **Jong-Dae Seo** (KAIST)

Location: 2F Gayageum A

- **Changkeun Lee**(Seoul National Univ.), **Euijune Kim**(Seoul National Univ.) , **Joohyung Park**(Seoul National Univ.), *Convergence and Spatial Patterns of Crime Rate in the Metropolitan Area*
- **Zheng Wang**(East China Normal Univ./CAS), **Changxin Liu and Kejing Mao**, *Industry Cluster: Spatial Density and Optimal Scale*
- **Hee-Chul Kim**(Seoul National Univ.), **Kun-Hyuck Ahn**(Seoul National Univ.), *The Relation among Population, Jobs and Centrality by Travel Network in Seoul Metropolitan Area: Using Social Network Analysis, 1996-2006*
- **Heather Stephens**(The Ohio State Univ.), **Mark D. Partridge**(The Ohio State Univ.), *Do Entrepreneurs Enhance Economic Growth in Lagging Regions?*
- **Woosung Kim**(Cornell Univ.), *Policy evaluation for Sejong city with IRIO model*
- **Discussants** : Hee-Chul Kim, Heather Stephens, Changkeun Lee, Zheng Wang

505. Public Finance and Tax

Chair: **Jesus Lopez-Rodriguez** (University of A Coruna)

Location: 3F Sogeuem

- **Mark Skidmore**(Michigan State Univ.), **Laura Reese**(Michigan State Univ.), and **Sung Hoon Kang**(Michigan State Univ.), *Property Taxation, Education Finance Reform, and Tax Base Growth*
- **Mitsuyoshi Yanagihara**(Nagoya Univ.), **Yuko Shindo**(Yamaguchi Prefectural Univ.), *The Role of Life Insurance on Human Capital Accumulation and Economic Growth in Japan: Simulation Analysis in an Overlapping Generations Model*
- **John D. Wong**(Univ. of North Texas), *Sales Tax Base Erosion in Kansas*
- **Thomas Hirtzig**(Cornell Univ.), *Optimization of Cutback Management Using a Social Accounting Matrix Linear Programming Model: The Case of New York State*
- **Discussants** : John D. Wong, Thomas Hirtzig, Mitsuyoshi Yanagihara

506. Infrastructure and Social Overhead Capital Investment Issues

Co-organized by Seoul National University, Integrated Research Institute of Construction and Environment (IRICE)

Chair: **Kyung Soo Chon** (Seoul National University)

Location: 3F Heageum A

- **Hyewon Shin**(Seoul National Univ.), **Euijune Kim**(Seoul National Univ.), *Analysis of Determinants of Profitability of Road Projects in Korea: a Meta Regression Approach*
- **Hiroto Kato**(Tohoku Univ.), **Toshihiko Miyagi**(Tohoku Univ.), *Estimation of Structural Parameters of the Economic Growth Model with Subspace System Identification*
- **Nij Tontisirin**(Cornell Univ.), **Sutee Anantsuksomsri**(Cornell Univ.), *An Analysis of New Public Transit on Household Commuting Patterns in the Bangkok Metropolitan Region*

- **Yoji Kunimitsu**(National Institute for Rural Engineering), *What makes regional satisfaction index improve?: Application of Structural Equation Model in Japan*
- **Discussants** : Hiroto Kato, Hyewon Shin, Yoji Kunimitsu, Sutee Anantsuksomsri

507. Special Sessions (JSRSAI 50th Anniversary)

Chair: **Ryohei Nakamura** (Okayama University)

Location: 3F Heageum B

- **Shanshan Wang**(Univ. of Tsukuba), **Feng Xu**(Univ. of Tsukuba), **Yang Li**(Univ. of Tsukuba), **Nan Xiang**(Univ. of Tsukuba) and **Yoshiro Higano**(Univ. of Tsukuba), *Policy Analysis on How China to Achieve the Greenhouse Gas Reduction Target in Year 2020*
- **Ha Thi Thu Trang**(Toyohashi Univ. of Technology), **Yuzuru Miyata**(Toyohashi Univ. of Technology), *Measuring the Economic Impact of a Road Construction Project - A Simplified Spatial Computable General Equilibrium Modeling Approach*
- **Shigeki Yamauchi**(ECONIXE Ltd.), **Akihiro Mine and Shie Takeda**, *The functions of the fish reefs and these roles for the fishery regions*
- **Yuzuru Miyata**(Toyohashi Univ. of Technology), **Shamsunnahar Khanam**(Toyohashi Univ. of Technology), *A Computable General Equilibrium Analysis of Electric Vehicle Production in Toyohashi City, Japan*
- **Discussants** : Shigeki Yamauchi, Indrawan Permana, Ha Thi Thu Trang, Kumsuek Lee

508. Urban and Regional Issues in China, Japan, Korea and East Asian countries

Chair: **Lily Kiminami** (Niigata University)

Location: 3F Daegeum

- **Mitsunori Hirogaki**(Hiroshima Univ. of Economics), *The effect of using FOSHU labels in Agricultural Product Marketing in Japan: the Case of Japanese Green Tea*
- **Jinhwan Oh**(International Univ. of Japan), *Small Enough to Take-off? The Economics of Long Jump and Lessons to Large Countries*
- **Jung Won Sonn**(Univ. of London), **Hyunsoo Kang**, *The Rise and fall of the regional innovation system policy in South Korean territorial planning*
- **Suminori Tokunaga**(Univ. of Tsukuba), **Mitsuru Okiyama**, *Analysis of the location of Bio-fuel industry and the income disparity among farmers in Thailand: Utilizing the Computable General Equilibrium Model*
- **Hiroki Shibata, Tsunekazu Toda**, *The Independence of Regional Economies in Japan : Based on Panel Data Analysis of Regional Payments Balance*
- **Discussants** : Suminori Tokunaga, Mitsunori Hirogaki, Hiroki Shibata, Jinhwan Oh, Mitsunori Hirogaki

Parallel Session 5-3

1:45pm-3:00pm, Tuesday, July 5th

509. Regional Integration and Block Economy; Urban Economics and Real Estate Market

Chair: **Tiruvarur Lakshmanan** (Boston University)

Location: 3F Sogeuem

- **Young-Ji Park**(Yonsei Univ.), **Kabsung Kim**(Yonsei Univ.), *A Model of Residential Location Choice by Household Types*
- **Ameeta Jain, Jerry Courvisanos**, *Home Based Business in Peripheral Urban Regions and Government Policy: A Case Study of Casey*
- **Jinhwan Oh, Kyi Cin Thant**, *Determinants of Myanmar's Trade and the Effect of Economic Sanctions: A Gravity Approach*
- **Emma Beatriz Castro**(Univ. Autónoma de Occidente), *Foreing Trade and Social Inequity in the Andean Community of Nations-Can*
- **Discussants** : Ameeta Jain, Emma Beatriz Castro, Jinhwan Oh

510. New Perspectives of Regional Science; Disaster Management

Chair: **Rachel S. Franklin** (Brown University)

Location: 3F Heageum A

- **Jae-kyung Kim**(Seoul National Univ.), **Hanho Kim**(Seoul National Univ.), *Testing Home Market Effect in Inter-Regional Trade of Korea*
- **Keisei Tanahashi**(Tokyo Keizai Univ.), *Prospect of glocalism in governance for development*
- **Haikal Ananta Setiawan**, *An Analysis of the Effects of Catastrophes on Tourism Demand in Indonesia*
- **Discussants** : Haikal Ananta Setiawan, Keisei Tanahashi, Jae-kyung Kim

511. Regional Issues in Investment; Regional Model and Housing Market

Chair: **Stephen Roper** (Warwick Business School)

Location: 3F Heageum B

- **Young Jin Woo**(Seoul National Univ), **Euijune Kim**(Seoul National Univ) **and Jaewon Lim**(Univ. of Arizona), *The Effects of Education and R&D Investments on Regional Growth*
- **Nola Hewitt-Dundasa**(Queen's Univ. Belfast), **Stephen Roper**(Univ. of Warwick), *Creating Advantage in Peripheral Regions: The Role of Publicly Funded R&D Centres*
- **Seung-Nam Kim**(Seoul National Univ.), **Kun-Hyuck Ahn**(Seoul National Univ.), **Jae Hong Kim**(Univ. of Ulsan), *The Effect of Residential Site Development and Regeneration on Social Capital: Comparison between Neighborhood Social Capital and General Social Capital*

- **Selma Hepp**(Univ. of Maryland), **John I. Carruthers**(The George Washington Univ.), **Robert N. Renner**(U.S Department of Housing and Urban Development), *Evaluating Urban Growth Boundaries Using Spatial Hazard Models: Evidence from the Pacific Northwest*
- **Discussants** : Young Jin Woo, Kabsung Kim, John I. Carruthers, Seung-Nam Kim

Parallel Session 5-4

3:15pm-4:30pm, Tuesday, July 5th

512. Regional Integration and Block Economy

Chair: **Ion Lucian Ceapraz** (Polytechnic Institute LaSalle Beauvais)

Location: 3F Heageum A

- **Elizabeth Aponte J.**(Univ. Autonoma de Occidente), *South American economic integration, ¿lower social inequality?*
- **Sithanonxay Suvannaphakdy**(Hiroshima Shudo Univ.), **Toshihisa Toyoda**(Hiroshima Shudo Univ.) **and Chris Czerkowski**(Hiroshima Shudo Univ.), *Enhancing Trade Flows in ASEAN Plus Six*
- **Ying Jiang**(Korea Univ.), *Creative Industrial Complex in Shanghai*
- **Discussants** : Dongju Kim(KRIHS), Elizabeth Aponte J.

Co-Session sponsored & co-organized by KRIHS

(Space Economy and Nation)

2:45pm-4:45pm, Tuesday, July 5th

Chair: **Hyun-Sik Kim** (KRIHS)

Location: 2F Gayageum A

■ Space Economy and Nation

- **Hyungseo Park and Kyung Hyun Park** (KRIHS), *The Strategy of Revised 4th Comprehensive National Territorial Plan (2011 ~ 2020)*
- **Eunsun Im** (KRIHS) and **Gyoungju Lee** (Chungju National University), *Exploratory approach to identifying the geographic extent effectively correlating industrial specialization to local productivity increment -A case study of Chungchung Metropolitan Economic Region in Korea-*

■ **Methods and Model Building**

- **Steven BondSmith**(Univ. of Waikato), *A Regional Model of Growth Through Creative Destruction*

■ **Development and Growth in Pacific Rim and EU**

- **Daniela Feier**(Univ. Valahia), **Marius Cioara**(Univ. Valahia) and **Silvana Pe**(School Group "Grigore Moisil"), *Cost Management and Cost Control in Decisional Process of Organizations*
- **Discussants** : Kwang-Ik Wang (KRIHS), Steven BondSmith, Zheng Wang, Daniela Feier,

Parallel Session 6-1

8:30am-10:00am, Wednesday, July 6th

601. Methods and Model Building

Chair: **William P Anderson** (Univ. of Windsor)

Location: 3F Heageum A

- **Michael Carroll**(Bowling Green State Univ.), **Neil Reid**(Univ. of Toledo) and **Xinyue Ye**(Bowling Green State Univ.), *The Recession and the Rural Urban Continuum*
- **Patricio Aroca**(Universidad Catolica del Norte), **Esteban Lopez**, *The Basket Effect at Space and Time on a Housing Price Index*
- **Kenetsu Uchida**(Hokkaido Univ.), **Seiichi Kagaya**(Hokkaido Univ.), *An efficiency evaluation model under unconstrained stochastic input-output variables*
- **Joao Francisco de Abreu**(Pontifical Catholic Univ. of Minas Gerais), **J. Eustaquio Paiva**, *Geovisualizing Brazilian Economic and Social "Topography" using GIS, Multivariate Statistics and Neural Networks.*
- **Discussants** : Joao Francisco de Abreu, Michael Carroll, Patricio Aroca, Kenetsu Uchida

602. CGE model and Input Output Model

Chair: **John R Madden** (Monash University)

Location: 3F Heageum B

- **Hiroshi Sakamoto**(The International Centre for the Study of East Asian Development), *CGE Analysis of Yangtze River Delta in China*
- **Yoji Kunimitsu**(National Institute for Rural Engineering), *Trade-off in effects of Japanese agricultural policy reform in 2010: Application of the Dynamic CGE Model*
- **Euijune Kim**(Seoul National Univ.), **Youngyun Kwon**(Seoul National Univ.), **Eunjin Choi**(Seoul National Univ.), **Joohyung Park**(Seoul National Univ.), **Jaeyeon Ha**(Seoul

National Univ.) and **Sungyoung Lee**(Seoul National Univ.), *Regional Economic Impact of Unexpected Events Using an SCGE Model of Korea*

- **Discussants** : Yoji Kunimitsu, Hiroshi Sakamoto

Parallel Session 6-2

10:20am-11:50am, Wednesday, July 6th

603. School of Regional Science - Memory of Prof. Walter Isard -

Chair: **Sang-Chul Choi** (Seoul National Univ.)

Location: 3F Heageum A

- **Mark D. Partridge**(The Ohio State Univ.), **Dan S. Rickman**(Oklahoma State Univ.), **M. Rose Olfert**(Univ. of Saskatchewan) and **Kamar Ali**(Univ. of Lethbridge), *Dwindling U.S. Internal Migration: Evidence of Spatial Equilibrium?*
- **Sungbae Kim**(Soongsil U.), The Trend of Regional Science
- **Discussants** : **Kyo-Jun Koo**, **Euijune Kim**

604. Urban and Regional Economy Forecasting

(3F Heageum B)

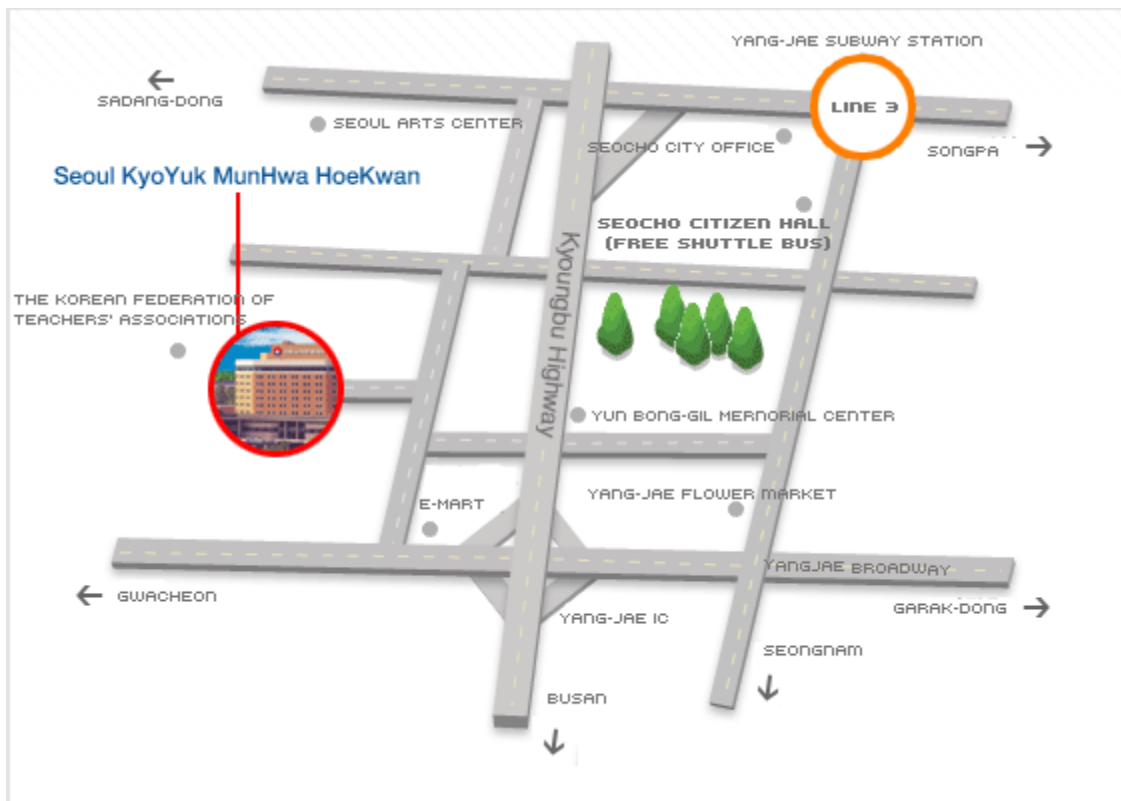
- Trend and Model

Project Teams will be organized (welcome anybody who has interest in ..)

Conference Map

■ Location of Seoul KyoYuk MunHwa HoeKwan

- 202 Yangjae2-dong, Seocho-gu, Seoul, Korea
- Telephone : +82-2-571-8100
- Fax : +82-2-571-7055



■ Free shuttle bus (from Yangjae subway to hotel)

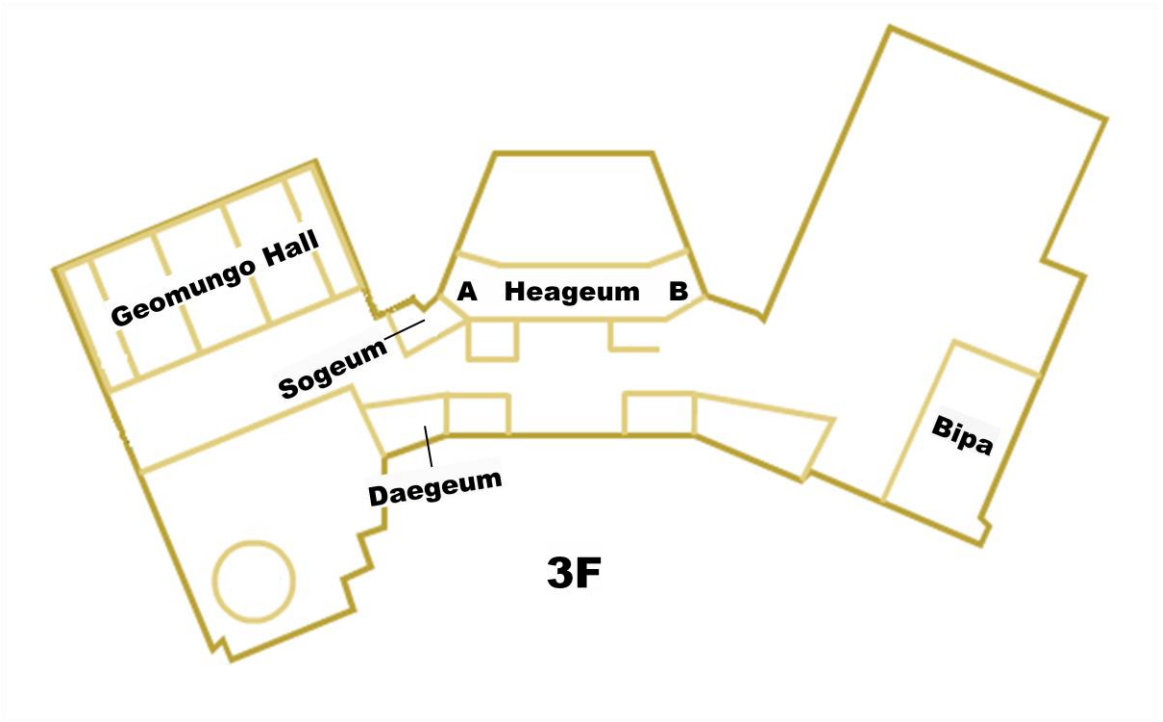
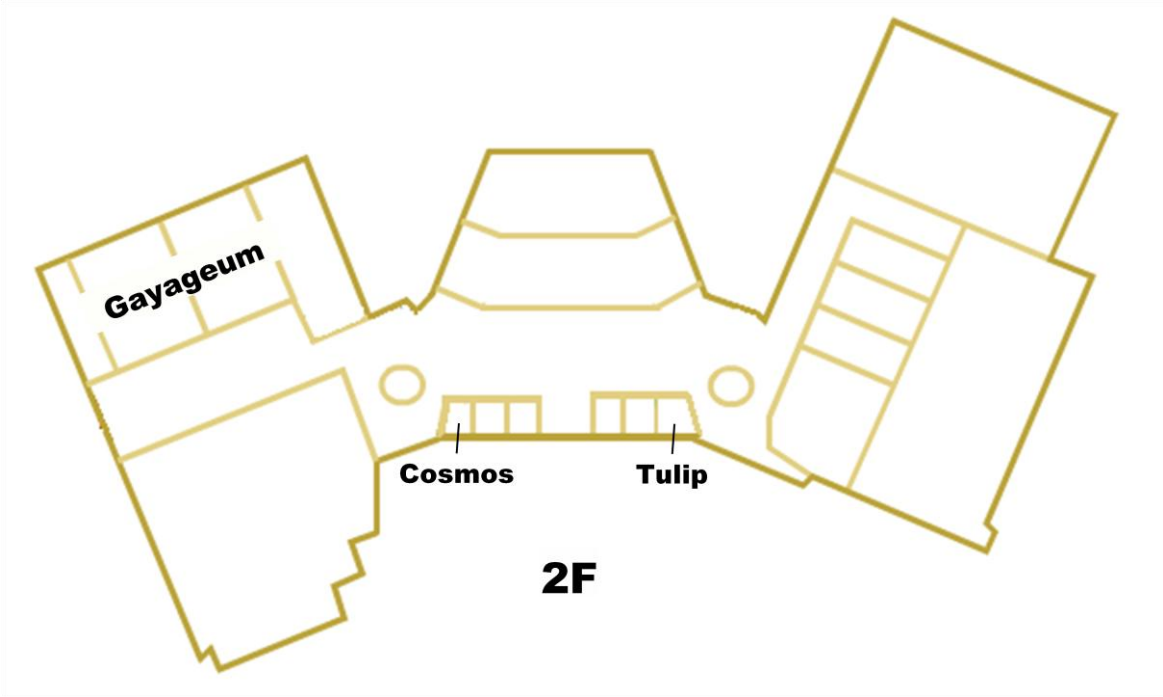
- Bus stop: front of Seocho citizen hall, 150m away from the exit 7 of Yangjae subway station line 3
- Shuttle Time : every 20~30 minute from 6am to 11pm

Convenient Facilities

Division	Floor	Number of Persons
Lobby Lounge	1	286
Buffet Restaurant	2	300
Cafeteria	1	530
Japanese Restaurant	2	70
Sauna	1	Man 226, Woman 121
Indoor Swimming Pool	1	274
Golf Club	1	75
Gymnasium	2	460
Theater	2	1,200
Gift Shop	1	-

■ Floor Guide

	5~11F		Guest Rooms
3F	Theater	Geomungo	Heageum, Daegeum, Sogeum, Bipa Hall
2F		Gayageum	Cosmos Hall, Buffet, Meeting Room
1F	Parking Lot		Lobby, Café, Restaurant, Bakery
			Swimming Pool, Sauna



Participants Index

A

A.N.M. Bazlur Rashid
A. J. Hagger
A. Rodrigues
Adam Rose
Ahleum Kim
Ahmad Komarulzaman ahmad.komarulzaman@fe.unpad.ac.id
Akihiko Kaneko akaneko@waseda.jp
Akihiko Yanase
Akihiro Mine
Akira
Akira Matsumo
Akira Nagano nagano.akira@gmail.com
Akiyoshi Takagi
Alan T. Murray
Alessandra Faggian a.faggian@soton.ac.uk
Alimardon Abdugarimov
Ameeta jain ameetaj@deakin.edu.au
Andres Faina
Anping Chen anping.chen@yahoo.com.cn
Antoine Baily
Arief Anshory Yusuf
Atsumi Furuya

B

Bahtiar Rifai bahtiar2000@gmail.com
Booyoung Park park@econ.fukuoka-u.ac.jp
Budy P. Resosudarmo budy.resosudarmo@anu.edu.au

C

C.R. Pathak Indian
C. Silva
Chae Un Kim
Chang K Seung Chang.Seung@noaa.gov
Changkeun Lee
Changxin Liu
Chen Chou Yu chenchouyu@gmail.com.tw
Chen Lu lu.chen@f.mbox.nagoya-u.ac.jp
Cher Li
Chu-Hwan Park
Chris Czerkowski

D

Dae-Heum Baek bujdh@nate.com
Dai-Gee Shaw
Daisuke Nakamura nakamura@icsead.or.jp
Dan Rickman
Daniela Feier feier_daniela2000@yahoo.com
Danni Shefer
David Boyce
David Edgington
David Plane
Devanto Pratomo dede_gsu02@yahoo.com
Ditya A. Nurdianto
Djoni Hartono

Douglas P. Woodward
Dusan Paredes A.

woodward@moore.sc.edu

E

Edgard Moncayo
Eduardo Haddad
Eizo Hideshima
Elizabeth Aponte J.
Emma Beatriz Castro
Esteban Lopez
Euijune Kim
Eunjin Choi
Eunsun Im
Evan Gwee

eapontejaramillo@yahoo.com
ebcasu@hotmail.com

euijune@snu.ac.kr

F

Feng Xu
Francisco Rowe

xufeng_t@jrsai.envr.tsukuba.ac.jp

G

Geoffrey J. D. Hewings
Graham Clarke
Gunther Maier
Gyoungji Lee

hewings@illinois.edu

H

Ha Thi Thu Trang
Haikal Ananta Setiawan
Han Oud
Hanho Kim
Haruo Takasaki
Hee-Chul Kim
Hee Hwa Min
Henk Folmer
Hideya Kato
Hiroaki Shirayanagi
Hirofumi Abe
Hiroki Shibata
Hiroshi Sakamoto
Hiroshi Yamamura
Hirotada Kohno
Hiroto Kato
Hiroyuki Shibusawa
Hisae Kasai
Huaqun Li
Hyewon Shin
Hyun-Sik Kim
Hyunsoo Kang

hathithutrang@gmail.com
haikal.ananta@yahoo.com

echo2351@gmail.com
ha-takasaki@kddi.com

hm297@cornell.edu

crr_437f@maia.eonet.ne.jp
abe1@cc.okayama-u.ac.jp
shibata@ccrc.or.jp
sakamoto@icsead.or.jp
hi-ya--@hotmail.co.jp

kato@plan.civil.tohoku.ac.jp
hiro-shibu@tut.jp

trost@korea.com

I

I. Yussof
Indrawan Permana
Insu Hong
Ion Lucian Ceapraz
Ishibashi Kenichi

indrakamis@yahoo.com
iaminsu@gmail.com
ceaprazlucian@yahoo.com

J

J. Eustaquio Paiva
Jae Hong Kim(Kansas State Univ.)
Jae Hong Kim(Univ. of Ulsan)
Jae-kyung Kim

jhkim@ulsan.ac.kr
fisherkjk@paran.com

Jaewo Cho
Jaewon Lim
Jaeyeon Ha
Janice Madden
Jean-Claude Thill
Jerry Courvisanos
Jesus Lopez-Rodriguez
Jichung Yang
Jin-Ho Choi
Jinhwan Oh
Jin Park
Ji-Won Park
Joao Francisco de Abreu
John I. Carruthers
John D. Wong
John Quigley
John R. Madden
Johan Lundberg
Jonathan Corcoran
Joohyung Park
Joolim Lee
Jorge Serrano
Jouke van Dijk
Juan Manuel García-Samaniego
Jun Yokoyama
Jung Won Sonn
Jung-yul Sohn
Junji Nakazawa
Junwon Seo
Juyoung Park
Jun Yokoyama

clayop@gmail.com
jlim@email.arizona.edu

jelopez@udc.es
jcyang@snu.ac.kr, jcyang7@chol.com

joh@iuj.ac.jp

jp429@cornell.edu
jofabreu@pucminas.br

john.wong@unt.edu

john.madden@monash.edu

jj.corcoran@uq.edu.au
pjh817@snu.ac.kr
leejoolim@gmail.com

jouke.van.dijk@rug.nl

jungwson@naver.com

junwon1977@naver.com
jadoopak@paran.com

K

Kabsung Kim
Kaori Ohata
Karen Polenske
Katia Andrade
Katsuhiko Sakurai
Kazuki Tanada
Keiichiro Motomatsu
Keisei Tanahashi
Kejing Mao
Kenetsu Uchida
Kidong Lee
Kimitaka Kakita
Kindy R. Sjahrir
Kingsley E. Haynes
Kiyom Kawamoto
Koji Kitaura
Koshi Yamamoto
Kosuke Yamashiro
Kun-Hyuck Ahn
Kyi Cin Thant
Kyohei Oda
Kyo-Jun Koo

kaandrade@eng.hokudai.ac.jp
sakurai@jsrsai.envr.tsukuba.ac.jp
k-tanada@ec.hokudai.ac.jp

tanahasi@kba.att.ne.jp

uchida@eng.hokudai.ac.jp

kawamoto@hak.hokkyodai.ac.jp

yamasiro@econ.fukuoka-u.ac.jp

L

Laura Reese
Laura Varela-Candamio
Lay J. Gibson
Leo van Wissen
Lily KIMINAMI

laura.varela.candamio@udc.es

kiminami@agr.niigata-u.ac.jp

Luis Armando Galvis
Luis María Reyes Yaguana

M

Madoka Okimoto	aj_6317_666@me.ccnw.ne.jp
Makoto Tawada	mtawada@soec.nagoya-u.ac.jp
Mamoru Imanishi	
Mamoru Yoshimizu	
Maria Abreu	mariaabreu@yahoo.com
Mariko Futamura	futamura@lab.twcu.ac.jp
Marius Cioara	
Mark Partridge	partridge.27@osu.edu
Mark Skidmore	
Masahiro Arima	arima@ai.u-hyogo.ac.jp
Masahiro Kamata	
Masahisa Fujita	
Masakuni Iwami	
Masakuni Kakoi	
Md. Fakrul Islam	
Michael Carroll	mcarrol@bgsu.edu
Michitaka Arima	
Miku Hirose	
Mitsunori Hirogaki	m.hiro2512@gmail.com
Mitsuru Okiyama	
Mitsuyasu Yabe	
Mitsuyoshi Yanagihara	yanagi@soec.nagoya-u.ac.jp
Mohd Shukri Hajinoor	shukri@ukm.my
Mohd Yusof Kasim	
Motoi Hiroshima	

N

Nan Xiang	nancyxiang86@hotmail.com
Nardo de Vries	
Neil Reid	neil.reid@utoledo.edu
Nicolaas Groenewold	
Nij Tontisirin	nt72@cornell.edu
Nobuaki Tohmatsu	
Nola Hewitt-Dundas	
Noritaka Asakawa	
Normand Asuad	

P

P. Nag Indian	
Patricio Aroca	paroca@ucn.cl
Paul Dalziel	paul.dalziel@lincoln.ac.nz
Peter Nijkamp	
Peter W. J. Batey	
Philip McCann	

R

Rachel S. Franklin	rachel_franklin@brown.edu
Resya Kania	resyakania@gmail.com
Riaz Hossain Khan	khanriazhossain@yahoo.com
Richard Shearmur	richard.shearmur@ucs.inrs.ca
Robert N. Renner	
Roberta Capello	
Roberta Comunian	
Roger R. Stough	
Ronald McQuaid	r.mcquaid@napier.ac.uk
Rui Huang	huangrui4420@163.com
Ryohei Nakamura	ubbz0252@cc.okayama-u.ac.jp
Ryohei Yamashita	ryama@rs.noda.tus.ac.jp

S

Saburo Saito
Sam-Ock Park
Sam Park
Sang-Chul Choi
Saori Usami
Sarwar Jahan
Seiichi Kagaya
Sei-Yong Kim
Selma Hepp
Seok-Joon Hwang
Seungkyu Park
Seung-Whan Seo
Seung-Nam Kim
Shamsunnahar Khanam
Shanshan Wang
Shaoming Chen
Shie Takeda
Shigeki Yamauchi
Shinichi Furuzawa
Shin-Kun Peng
Shinpei Nagano
Sierdjan Koster
Silvana Pe
Sithanonxay Suvannaphakdy
Stephen Roper
Steven BondSmith
Suminori Tokunaga
Sung-Bae Kim
Sung Hoon Kang
Sung K Ahn
Sung-Woong Hong
Sungyoung Lee
Sun-Woong Kim
Sutee Anantsuksomsri

sxh219@kmu.ac.kr

enfey@hanmail.net
shamsunnahar_khanam@yahoo.com
wangshanshan543@gmail.com

s-yamauchi@econixe.co.jp
afurus@mail.ecc.u-tokyo.ac.jp

sierdjan.koster@rug.nl

oud_sdy@yahoo.com
stephen.roper@wbs.ac.uk
scb10@waikato.ac.nz
stokuna@sakura.cc.tsukuba.ac.jp

kangsun6@msu.edu

sa457@cornell.edu

T

T. R. Lakshmanan
Tae-Il Lee
Tae-Jeong Kim
Takahiro Sato
Takamune Fujii
Takanori Inayama
Takashi Hayashi
Takehito Ujihara
Takeshi
Takeshi Arai
Takuya Yoshizawa
Thomas Hirtzig
Tiago Freire
Tomaz Ponce Dentinho
Toru Matsui
Toshihiko Miyagi
Toshihisa Toyoda
Toshiya Jitsuzumi
Tschangho John Kim
Tsunekazu Toda
Tsuyoshi Shinozaki

tkfujii@tcue.ac.jp
p3121002@edu.gifu-u.ac.jp
th8841@affrc.go.jp

th429@cornell.edu
tiago_freire@nus.edu.sg
tomazdentinho@uac.pt

toshi_miyagi@plan.civil.tohoku.ac.jp
ttoyoda@shudo-u.ac.jp
jitsuzumi@en.kyushu-u.ac.jp
tjohnkim@uiuc.edu

V

Viktor Venhorst
vvenhorst@hotmail.com

W

Walter Isard
Wardatul Akmam
Wawan Hermawan
William P Anderson
Wilmar Salim
Wisinee Wisetjindawat
Won-Ho Lee
Won-Yong Kwon
Woosung Kim

bander@uwindsor.ca
wilmarsalim@yahoo.com
wisinee@nitech.ac.jp

wk252@cornell.edu

X

Xiao Liu
Xiaonan Cong
Xiaozhe Ma
Xinyue Ye
Xu Zhang

liuxiao_1214@hotmail.com
ben-carrie@163.com

Y

Yang-Ho Park
Yang Li
Yasufumi Igarashi
Yasuhide Okuyama
Ying Jiang
Yoji Kunimitsu
Yongbin Zhu
Yoshiro Higano
Yong-Sung Lee
Young Jin Woo
Younghyun Kwon
Young-Ji Park
Yukisada Kitamura
Yuko Akune
Yuko Shindo
Yung Hwan Jin
Yusep Suparman
Yuzuru Miyata

okuyama@kitakyu-u.ac.jp
ilyjiangying@gmail.com
ykuni@affrc.go.jp

higano@jsrsai.envr.tsukuba.ac.jp

pogscall@paran.com
kwonyh98@snu.ac.kr
jen21c@empal.com

yakune@reitaku-u.ac.jp

miyata@ace.tut.ac.jp

Z

Zheng Wang

zhynwang@hotmail.com

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