

## ACRS 2020 Time Schedule

1 session: 25 min. x 3 + 5 min. break = 75 min. + 5 min. = 80 min.

October 10th (Saturday)		
10:00 ~ 11:15		(1) Transportation 1
11:20 ~ 12:35	(2) Environmental Quality	(3) Economic Geography and Location Economic Activities
(12:35 ~ 13:20)	Lunch break (45 min.)	
13:20 ~ 14:35	(4) Transportation 2	(5) Migration and Demographic Analysis
14:40 ~ 15:55	(6) ICT for Regional Revitalization: High School Student Session 1	(7) Transportation 3
16:00 ~ 17:15	(8) Invited lecture (Masahisa Fujita) Spatial economics and the COVID-19 pandemic	
17:20 ~ 18:10	(9) COVID19 session	

October 11th (Sunday)		
10:00 ~ 11:15	(10) Regional Development 1	(11) Spatial Economics
11:20 ~ 12:35	(12) Urban Problems	
(12:35 ~ 13:20)	Lunch break (45 min.)	
13:20 ~ 14:35	(13) Education and Culture in Japan: Case Studies on SDGs: High School Student Session 2	(14) Housing
14:40 ~ 15:30	(15) Regional Development 2	(16) Regional and Urban Planning

**October 10th (Saturday)** [Commentators for each presentation are reported in parentheses.]

【(1) Transportation 1】 10:00 ~ 11:15

Session organizer: [Makoto Okumura](#) [Tohoku University]

- [Market Structure of Car Sharing Service with Transaction Cost](#)  
Kakuya Matsushima, Yuki Takeuchi  
(Junyan Ouyang)
- [Why Rideshare Fell Flat in Local Japan – Analytical Model Considering Locations of Drivers and Passengers –](#)  
Junyan Ouyang, Yoshiaki Ohsawa  
(Makoto Okumura)
- [Implementation of Toyota’s e-Palette Mobility System to Develop Data-driven Optimization of Transportation Networks](#)  
Makoto Kosaka, Yoshiaki Ohsawa, Junyan Ouyang  
(Kakuya Matsushima)

【(2) Environmental Quality】 11:20 ~ 12:35

Session organizer: [Ryo Itoh](#) [Tohoku University]

- [Analysis of Spatial Distribution Characteristics of Urban Heat Island and Urban Pollution Island](#)  
Hee-Soo Hwang, Jung Eun Kang, Jihye Ha, Seong Gon Moon  
(Tutomu Suzuki)
- [Land erosion damage due to rising sea levels in Busan—A metropolitan city](#)  
Ji Yoon Lee, Ah Hyeon Dong, Seong Gon Moon, Jung Eun Kang  
(Takahiro Yoshida)

【(3) Economic Geography & Location Economic Activities】 11:20 ~ 12:35

Session organizer: [Kiyoshi Yonemoto](#) [Takasaki City University of Economics]

- [Spatial Boundary Identification and Influencing Factors of Catering Service Market](#)  
Panda Su  
(Minjun Shi)
- [Agglomeration Economies and Environmental Regulatory Competition: Evidence from China](#)  
Dan Zheng, Minjun Shi, Rui Pang  
(Panda Su)

【(4) Transportation 2】 13:20 ~ 14:35

Session organizer: [Kakuya Matsushima](#) [Kyoto University]

- [Long-run Impact of Track Improvements on Railroad Track Maintenance Cost: Distributed Lag Model Approach](#)  
Tomohiro Kitamura  
(Ryosuke Matsumoto)
- [Estimating the Price Elasticity of Local Train Higher-Class Car Demand with Regression Discontinuity Design: Evidence from Green-Car in Tokyo](#)  
Ryosuke Matsumoto  
(Yi-Kai Hsieh)
- [Walking Environment on the importance of Disadvantaged Group Around Mass Transit?](#)  
Chia- Nung Li, Yi-Kai Hsieh  
(Tomohiro Kitamura)

【(5) Migration and Demographic Analysis】 13:20 ~ 14:35

Session organizer: Dan Zheng [University of Chinese Academy of Sciences]

- [Does compact cities impact on COVID-19 Pandemic? – City-level study in China](#)  
Feixiang Sun, Fenghua Wen, Hang Yang, Lachang Lv  
(Kiyoshi Yonemoto)
- [An Empirical Test of Reference Dependent Preference Using Migration Data](#)  
Kiyoshi Yonemoto  
(Yuki Otsu)
- [Sanctuary City and Crime](#)  
Yuki Otsu  
(Feixiang Sun)

【(6) ICT for Regional Revitalization [[Meikei High School](#)】】 14:40 ~ 15 : 55

Session organizer: Kazuki Aoyama, [Yoshiaki Ohsawa](#) [University of Tsukuba]

- Utilizing Pokemon GO for regional revitalization  
Akira Nakatani, Ayana Morimoto, Fumiha Kai
- Considering a convenient train diagram and station structure for Tsukuba Express, based on congestion and barrier-free measures  
Yoshikazu Takano, Hajime Watanabe, Shun Kawata
- Acute disease and its treatment in rural areas lacking medical care  
Aoi Nakamura, Shusuke Kurokawa, Shuta Shibue  
(Dan Zheng)

【(7) Transportation 3】 14:40 ~ 15:55

Session organizer: [Chia-Nung Li](#) [Chinese Culture University]

- [Departure time choice equilibrium under second-best pricing with untolled substitutes: Expansion to general network with single-bottleneck routes](#)  
Cheng Chin Huang, Katsuya Sakai  
(Chia-Nung Li)
- [Parking Policy Based on Departure Time and Parking Choices Equilibrium Model with Macroscopic Fundamental Diagram](#)  
Pimonwat Wannapong, Katsuya Sakai  
(Tomoki Yoshida)
- [Optimization network structure of intercity passenger transportation considering cost sharing schemes](#)  
Makoto Okumura, Tomoki Yoshida, Huseyin Tirtom  
(Cheng Chin Huang)

【(8) Invited lecture】 16:00 ~ 17:15

- Spatial economics and the COVID-19 pandemic  
Invited Lecturer  
Masahisa Fujita  
(Emeritus Professor, Kyoto University)

【(9) COVID19 session】 17:20~18:10

- Globalization and Covid19 Pandemic -Spatial Economics Perspective” Panel Discussion  
Coordinator  
Professor Nobuaki Hamaguchi  
(Kobe University)
- Telecommuting and the COVID-19 pandemic  
Mitsuru Ota  
(University of Tsukuba)

**October 11th (Sunday)** [Commentators for each presentation are reported in parentheses.]  
【(10) Regional Development 1】 10:00 ~ 11:15

Session organizer: Daisuke Murakami [Institute of Statistical Mathematics]

- [Human Development Disparities and Convergence across Districts of Indonesia: A Spatial Econometric Approach](#)  
Ragdad Cani Miranti, Carlos Mendez  
(Jianjun Chen)
- [Digital economy, total factor productivity and new drivers of industrial upgrading in the Yangtze river delta region](#)  
Jianjun Chen, Yixin Shen, Jie Huang  
(Ragdad Cani Miranti)
- [Labor inter-industry configuration and economic growth in China](#)  
Jinhui Xiong, Deyi Xu, Dongbei Bai  
(Yixin Shen)

【(11) Spatial Economics】 10:00 ~ 11:15

Session organizer: [Hajime Seya](#) [Kobe University]

- [Heterogeneous Treatment Effects of a Place-based Policy: Which Cities Should be Targeted?](#)  
Shota Fujishima, Tadao Hoshino, Shinya Sugawara  
(Si Chen)
- [Quality of place, Space spillover effect and urban innovation](#)  
Si Chen, Chao Zhang  
(Hajime Seya)
- [Extracting the geographical extent of the benefited area by a transportation project using a generalized synthetic control method](#)  
Takara KUNIMI, Hajime SEYA  
(Shota Fujishima)

【(12) Urban Problems】 11:20 ~ 12:35

Session organizer: [Shota Fujishima](#) [Hitotsubashi University]

- [Cyclical shocks and spatial association of Indonesia's district-level per capita income](#)  
Mitsuhiko Kataoka  
(Kangzhe Ding)
- [The impact of the admission restriction policy on the housing market in Shanghai](#)  
Kangzhe Ding, Ryo Itoh  
(Fikri Zul Fahmi)
- [Systematic Literature Review on the Resilience of Creative Industries in the Face of Disaster Risks](#)  
Eri Krismiyaningsih, Fikri Zul Fahmi  
(Mitsuhiko Kataoka)

【(13) Education and Culture in Japan: Case Studies on SDGs [[Takezono High School](#)】  
13 : 20 ~ 14 : 35

Session organizer: Haruna Eguchi, [Yoshiaki Ohsawa](#) [University of Tsukuba]

- Science City : Advanced Education Infrastructure in Tsukuba, Japan  
Miku Iwasaki, Hayato Matsui, Koharu Takahashi
- Career Guidance in Japanese High school Education : A Cross-Cultural Analysis.  
Mitsuki Yanagi, Maki Sawato, Mizuho Uchino, Mei Ishitsuka
- The Glass Ceiling Socioeconomic Barriers Facing Women in Contemporary Japan  
Ayane Shinohara
- Growing the Past : Rejuvenation of Mountainside Farming Land through the Use of  
Traditional Agricultural practices.  
Mirai Aizawa, Taro Usukura

([Carlos Mendez](#))

【(14) Housing】 13:20 ~ 14:35

Session organizer: [Tadao Hoshino](#) [Waseda University]

- [Analyzing hotel price and occupancy with low rank spatial econometric models](#)  
Daisuke Murakami, Yu Ichifuji  
(Heejin Kim)
- [The Effect of Local Public Investment on Local Housing Prices and Structures](#)  
Heejin Kim  
(Kazushi Matsuo)
- [The impacts of change in family patterns on the rental housing](#)  
Kazushi Matsuo, Morito Tsutsumi  
(Daisuke Murakami)

【(15) Regional Development 2】 14:40 ~ 15:30

Session organizer: [Carlos Mendez](#) [Nagoya University]

- [Research on financing Constraints and Business Environment of Tourism management](#)  
Siyuan Huang, Panda Su  
(Xiao Zhang)
- [Research on Regional Imbalance of Labor Productivity in China](#)  
Xiao Zhang, Tongping Li  
(Siyuan Huang)

2020/09/17

【(16) Regional and Urban Planning 2】 14:40 ~ 15:30

Session organizer: [Fikri Zul Fahmi](#) [Institut Teknologi Bandung]

- [Analysis on Aggregation Bias of Travelling Distance on Network using Crofton 's Formula](#)

ZHONG DAI, TAMURA Kazuki, OHSAWA Yoshiaki  
(Liqian Yu)

- [The Analysis of tourism direct contribution to Shandong's economy ——Based on Tourism Satellite Account](#)

Liqian Yu  
(TAMURA Kazuki)