

The 5th International Time-Geography Conference, Toyama 2024

**Program for the
5th
International
Time Geography Conference**

Toyama International Conference Center
venue: Multi-purpose Room, second floor
1-2 Ote-machi Toyama-city Toyama, Japan

August 2-4

Program ver. 3

Friday Aug 2

0930 Welcome speech: **Kohei Okamoto**

Keynote 1: **Yoshio Arai** *Time-space of Community Infrastructures and Deployment of Intelligent Wireless Access on a Japanese Small Island*

1000 Toyama Special:

Koji Ohnishi *Introduction of Toyama*

Toshikazu Seto *Fundamental Analysis of Human Mobility Data Based on Mobile Phone Location Information During the COVID-19 Pandemic: A Case Study of Toyama City*

Yuichiro Nishimura *Is Toyama actually Japan's Sweden?: Time-geography in the local context*

1030 COFFEE BREAK

1100 Participants' presentations: pandemic, disaster and transportation

Hui Shi and Konstadinos G. Goulias *Investigating the spatial and temporal changes in Americans' daily schedules from 2019 to 2022*

Kotoe Uchiyama *Consideration of flood evacuation behavior through the creation of "timeline maps"*

Hitoshi Yagai and Yoshiki Wakabayashi *Time-geographic approach to evaluating public transportation service levels in the Sanriku region of Japan*

Dong Liu *Investigation of the Space-Time Refueling Patterns for Alternative Fuel Vehicles*

Xinyu Cao *Can an identified environmental correlate of car ownership serve as a practical planning tool?*

Ayla Deniz *Free Transportation with the Mother Card and Reshaping Women's Everyday Life in Istanbul, Türkiye*

1230 LUNCH

1330 Keynote 2: **Yanwei Chai** *The Behavior Turn of Chinese Human Geography*

1400 Participants' presentations: Chinese urban and rural areas

Xie Yang *Constructing Time Landscapes of Matter and Memory--On the Family History of Craftsmen and the Conservation of Traditional Villages in Chamdo, Tibetan Area*

Zhilin Liu *Living Together, Living Apart: A big-data approach to Activity-based Segregation between Residents of Public Rental Housing Commercial Housing Projects in Beijing, China*

Li Chen *The Relationship among Urban Scale, Commuting Time, and Residents' Subjective Well-being: An Empirical Analysis Based on 59 Chinese Cities*

Yiming Tan *A Study on Foreign Migrant's Settlement intention and Its Influencing Factors in Guangzhou*

Peiling Zhou *Individual Wellbeing and Activity Space Differentiation: Temporary three-generation families in temporary housing for student guardians in urban China*

Yue Shen *Space-time constraints, space-time accessibility and life satisfaction*

1530 TEA BREAK

1600 Keynote 3: **Mei-Po Kwan** *Time Geographic Methods for Human Mobility and Health Research*

1630 Participants' presentations: health

Zou Kang, Mei-Po Kwan, and Man Sing Wong *Assessing Hourly Spatiotemporal Distribution and Exposure to Traffic Noise, a study in Hong Kong*

Jue Wang *Spatiotemporal Variation of Urban Environmental Noise and Noise Exposure Inequity*

TSE, Lap Ah *Association of depression with perceived poor socio-environmental factors in Hong Kong workers and students*

Na TA *How residential and daily green space exposure promote individual's mental health in suburbs?*

Chun Yin *Exploring Nonlinear Association between Neighborhood Environment and Health*

Jiangjun Wan *Study on the environmental impact mechanism of community life circle of people with healthy beliefs*

Saturday Aug 3

0915 Participants' presentations: leisure and recreation

Zidan Mao *Tourists' Spatial and Temporal Behavior of Urban Destination: Considering the role of eating activities*

Yujia Zhai *Exploring urban park recreation behaviors utilizing multiple source of data*

Jiefeng Kang, Takahiro Kubo and Takahiro Tsuge *Mobile big data reveals recreation spatial-temporal pattern in Amami national park*

Nobuhiko Komaki *Spatial characteristics of visitors to community development events using people flow data*

Hiroataka Sato, Shohei Nagata, Yong Jiang, and Nobuhiko Komaki *Analysis of Human Traffic Data in Traditional Japanese Festivals*

1030 COFFEE BREAK

1100 Participants' presentations: daily life

Hsiang-Chun Chen and Shih-Lung Shaw *Time Geography Diffusion in a Space-Time Context*

Natalie Tang Hiu Yu and Tse, LA *Living habitat, environmental satisfaction and wellbeing among Hong Kong youths*

Yan Zhang *Project-activity system of urban households: conceptual framework and case studies in Beijing, China*

Hui Wang *Time Allocation and the Activity-Space-Based Segregation of Different Income Groups*

Chunjiang Li *Incorporating the time-geographic project concept into the relationship between digital technologies and daily activities*

1215 LUNCH

1315 Participants' presentations: daily life and methodology 1

Wang Donggen and Meng Zhou *Why do some individuals spend a significant amount of time commuting daily?*

Zifeng Chen *Revisiting the Modifiable Areal Unit Problem in Commuting Analyses: A Comparison of Large and Small Cities Using Cellphone Data*

Yaqian Mao *Exploring the Challenges and Potential of Time Geography Application for Multigenerational Interaction in Small and Medium-sized Cities in Japan*

Jingying Liao *Modeling Real-time space-time prism in the context of dynamic decision-making*

De Wang *Urban Spatial-Temporal Activity Planning: Concept, Framework and Prospect*

1430 TEA BREAK

1500 Keynote 4: **Tomoki Nakaya** *Trees and Clouds in Space-time*

1530 Keynote 5: **Shih-Lung Shaw** *Time Geography: From its Evolution in 1980-2023 to its Future in a Hybrid Physical-Virtual World*

1600 TEA BREAK

1630 Participants' presentations: daily life and methodology 2

Nipam Datta and Piyal Basu Roy *Unravelling the lifestyles of Postgraduate students through Time Geography Analysis : A Methodological Approach*

Dwipen Barman and Sushanta Biswas *Lifestyle differences between Public and Retired Public Employees: An analysis from Time Geography perspective*

Prafulla Parlewar *Platform Capitalism based Land Management Model*

1715 *Move to University of Toyama*

1830 *CONFERENCE DINNER at University of Toyama*

Sunday Aug 4

0915 Participants' presentations: daily life and methodology 3

Wataru Morioka and Atsuyuki Okabe *Simple method for estimating how long stores will remain in business*

Chen Yulong *Temporal City Planning: The Concept, Content and Methodology*

Suhong Zhou *From urban structure to urban space-time scape*

Shohei Nagata *Development of synthetic trajectory data based on ambient population and GPS data*

Lirong Kou *Understanding tourist experiences of sounds in nature: combining a time-geographic and relational approach*

Koji Ohnishi *Children's Outdoor Environment During Walking To And From School In Japan: A Case Study On Toyama City*

1045 *COFFEE BREAK*

1115 Keynote 6: **Kajsa Ellegård** *Exploring time-geography - paving a research path*

1145 *Summing up: Kohei Okamoto*

1200 *LUNCH*

1330 *EXCURSION*