INTERNATIONAL CHOICE MODELLING CONFERENCE
KOBE JAPAN
19-21 AUGUST 2019
KOBE INTERNATIONAL CONFERENCE CENTER
Dear friends,

It is my great honour to welcome you to the sixth International Choice Modelling Conference on behalf of the entire steering committee of the conference series.

ICMC 2019 marks the tenth anniversary of the first conference that Andrew Daly and I organised in Harrogate, North Yorkshire, in Spring 2009. We of course always hoped that this would not be a one-off event but the success of the conference series has exceeded all our expectations. I am delighted that so many of you have attended repeated conferences in the series, and that several of you who attended the first conference are with us again here in Kobe. I would like to especially highlight the seven delegates who have attended each conference – Chandra Bhat, Danny Campbell, Caspar Chorus, Ricardo Daziano, Kourosh Mohammadian, Harmen Oppewal and John Rose – your support for ICMC has been invaluable.

Japan is the fifth continent visited by ICMC, after two conferences in the UK (2009 and 2011), followed by Sydney (2013), Austin, Texas (2015) and Cape Town (2017). At the time of writing this, just under four weeks before the conference, the delegate count has just exceeded the record number we had at the fifth conference in Cape Town two years ago. Diversity is also increasing, with delegates now from 29 countries, compared to the Cape Town record of 26. In addition to the many repeat delegates, there are numerous new attendees to welcome to the ICMC family.

A key mission of ICMC is to encourage the breaking down of barriers between fields. With this in mind, we have again purposefully sought to avoid clustering papers by field of research. The methodological papers should be of interest to delegates from across disciplines. But the same goes for applied work. Many of us have gained crucial insights and developed new ideas by listening to presentations from outside our area.

For many delegates, this will be their first visit to Japan and I hope you enjoy your visit and get a flavour of Japanese culture, sample the food (and the sake) and marvel at 200mph trains arriving right on time and stopping right in front of you – it will be a quite contrast to when arriving in Harrogate on slow (and late) running local Diesel train in 2009. I especially encourage you all to head out and find a non-tourist bar or restaurant where not a word of English is spoken. South Africa was our most colourful destination to date, but Japan is surely the most different one. As ever with ICMC, we want to leave a footprint by building bridges with Japanese researchers, creating new collaborations and seeing how choice modelling can be used for applications that are area specific.

Of course, the biggest purpose of this opening statement is to thank Nobuhiro, Toshi and Junyi (ordered by distance from Kobe) for the incredible amount of work they have undertaken to make the Kobe conference happen. Nobuhiro has borne the brunt of the local organisation but I have also marvelled at Toshi’s calm at any stage during the process and Junyi’s replies to e-mails at any time of night. I could not have wished for a better local organising team.

So a big welcome back to the many of you have attended previous ICMC conferences, and a very special welcome on board to new attendees.

Stephane Hess
Chair of the ICMC Steering Committee
Dear colleagues,

We are very proud of being chosen to host the 6th International Choice Modelling Conference (ICMC) and would like to express our congratulations to the ICMC on its 10 year anniversary. Continuation is power. We are very happy to bridge the Cape Town conference and all future conferences.

Kobe is a harmonious multi-cultural port city, home to people from more than 130 countries. Since its official opening to the world in 1868, Kobe has been a leading gateway for Japan to connect with the rest of the world. Cultural diversity, the beautiful Rokko mountain range and blue inland sea make Kobe colorful, fantastic and vibrant, attracting a lot of visitors every year.

In the Kobe conference, it is our greatest honor to invite Profs. Joan Walker (UC Berkeley), Takanori Ida (Kyoto University), and Harmen Oppewal (Monash University) (in the order of keynote speeches) to give keynote speeches, respectively. Their presence makes the conference very special and will inspire more internationally-influential interdisciplinary choice modeling research. While we have followed the ICMC tradition in most respects, unlike previous conferences we are also convening special sessions, each of which will be further edited as a special issue at an SCI/SSCI-indexed journal after the conference, depending on the quality of full papers. Each special issue will further make an open call for papers after the conference. In total, we received about 400 papers (extended abstracts), the largest submissions in the ICMC history. More than 50 researchers voluntarily reviewed these papers. Eventually, we accepted 180 papers, including 55 papers for eight special sessions (i.e., advanced models in practice, choice modelling in the global south, energy and environmental decision-making, hybrid choice models, machine learning and spatiotemporal choice modelling, models of moral decision making, tourism behavior and decision making, unravelling choice set compositions in the era of large-scale revealed preference data). Without professional help from the special session organizers and the reviewers, this conference would not have taken place. We would like to express our sincere thanks to them.

We three, as fans of choice research, hope that the Kobe conference will bring choice modeling research into a new stage and contribute more to the culturally sustainable development of the whole world.

Finally, our sincere thanks also go to our sponsors: Kobe Tourism Bureau, Kobe Convention Bureau, The Institute of Behavioral Sciences, Institute of Systems Science Research and Nikken Sekkei Research Institute.

We wish you an enjoyable and successful Kobe Conference.

Co-chairs:
Nobuhiro Sanko
Toshiyuki Yamamoto
Junyi Zhang

Nobuhiro Sanko is a professor at Kobe University. He holds a Doctor of Engineering degree from Nagoya University and an MBA from Ecole Nationale des Ponts et Chaussées. His research interests include the long-term dynamics of travel behavior, stated preference, and transport planning. This is his fourth time of participating in the ICMC.

Toshiyuki Yamamoto is a professor at Nagoya University, Japan. He received a doctoral degree from Kyoto University. His research interests include vehicle ownership, vehicle sharing system, activity-based analysis and traffic safety. He is a committee member for Standing Committee on Traveler Behavior and Values of Transportation Research Board, and a member of International Steering Committee for Travel Survey Conferences. He also serves as an Associate Editor for Transportation and on the editorial advisory board of Transportation Research Part C.

Junyi Zhang is a professor at Hiroshima University. He has devoted himself to interdisciplinary research, covering transportation planning and engineering, urban and regional planning, environment and energy policy, tourism and health policy, and human behavior research. His behavioral research emphasizes life-oriented approach. Currently, he is a board member of IATBR (International Association on Travel Behaviour Research) and on the editorial advisory board of Transportation. He has been serving as a reviewer for more than 40 SCI/SSCI-indexed journals in the above fields.
Her research focus is behavioral modeling, with an expertise in discrete choice analysis and travel behavior. She works to improve the models that are used for transportation planning, policy, and operations. She has served twice as Acting Director of UC Berkeley's Institute of Transportation Studies and as Co-Director of UC Berkeley's Center for Global Metropolitan Studies. She served as the Chair of the Committee on Transportation Demand Forecasting (ADB40) for the Transportation Research Board of the National Academies. She received her Bachelor's degree in Civil Engineering from UC Berkeley and her Master's and PhD degrees in Civil and Environmental Engineering from MIT. Prior to joining UC Berkeley, she was Director of Demand Modeling at Caliper Corporation and an Assistant Professor of Geography and Environment at Boston University. She is a recipient of the Presidential Early Career Award for Scientists and Engineers (PECASE) – the highest honor bestowed by the U.S. government on scientists and engineers beginning their independent careers. [www.JoanWalker.com]

He graduated from the Faculty of Economics, Kyoto University in 1989 and completed the doctoral program of the Graduate School of Economics, Kyoto University in 1995 (Ph.D. (Economics)). He was a visiting scholar at the University of Illinois, Cambridge University, and the University of California. His specialty is applied economics. After studying telecommunications economics and behavioral economics, he now works on the integration of field experiments and big data economics. He published a monograph ‘Broadband Economics: Lessons from Japan’ (Routledge). He received Japan Society for the Promotion of Science Award, Japan Society of Applied Economics Award, Okawa Foundation Publishing Award, DOCOMO Mobile Science Incentive Award, etc. [www.econ.kyoto-u.ac.jp/~ida/Ida-English.htm]

He holds degrees in geography and psychology from the University of Groningen and obtained his PhD from the Eindhoven University of Technology on a thesis concerning the application of discrete choice experiments to the modelling to shopper and retailer behavior, especially in terms of how they deal with complex decision environments. He published over 50 articles in leading journals in marketing, planning, tourism and transportation. He is a regular reviewer across these areas and is currently also an Associate Editor of the Journal of Choice Modelling. He is chair of the Monash Business Behavioural Lab and was Head of the Department of Marketing at Monash from 2012-2018. His research interests include assortments, channel and destination choice, preference formation, shopping behaviour, store atmosphere and visualisation effects. Most of his project involve behavioral experiments but other projects adopt interpretative or survey based methods. [research.monash.edu/en/persons/harmen-oppewal]

Choice Modelling in an Age of Machine Learning
In this talk, Prof. Walker reflects on what it means to be a choice modeler in a world where the intellectual headlines are dominated by DATA SCIENCE! BIG DATA! MACHINE LEARNING! and ARTIFICIAL INTELLIGENCE! Prof. Walker will describe how the problems and approaches across choice modelling and machine learning are similar and different. She will discuss what machine learning can learn from choice modelling, as well as what choice modelling can learn from machine learning. She will dispel some misconceptions that she perceives that both fields have about each other. Looking to the future, she will focus on exciting directions to blend the highly complementary fields.

Smart Grid Economics: The Evidence-based Policy Created through Field Experiments, Behavioral Economics, and Big Data
Professor Ida will discuss the persistence of moral suasion and economic incentives based on the field experimental evidence. Main conclusions can be summarized as follows. Firms and governments often use moral suasion and economic incentives to influence intrinsic and extrinsic motivations for various economic activities. To investigate the persistence of such interventions, we randomly assigned households to moral suasion and dynamic pricing that stimulate energy conservation during peak demand hours. Using household-level consumption data for 30-minute intervals, significant short-run effects of moral suasion were found, which however diminished quickly after repeated interventions. Economic incentives produced larger and persistent effects, which induced habit formation after the final interventions. While each policy produces substantial welfare gains, economic incentives provide particularly large gains when persistence is considered.

Stated Preference and Behavioral Decision Research - Different Worlds?
Professor Oppewal will reflect on stated preference research and how it relates to behavioral research in particular in marketing and consumer research. SP makes some strong assumptions about preferences and how people make decisions. While this allows for a useful predictive tool it limits the extent to which findings can be generalized and provide insights into the drivers of behavior, especially behaviors that are not simple choice behavior. Behavioral researchers in contrast focus on hypothesis testing and process explanations but thereby often lack predictive ability for concrete settings. This presentation will make some suggestions for new research avenues referring to the role of explanation and prediction with examples from both traditions including the use of eye-tracking as a tool for investigating decision processes.
Welcome Reception
Venue: Ariston Hotel Kobe

Time: August 18, 2019
18.00 – 20.00

Minatojimanakamachi 6-1
Chuo-ku Kobe-shi, Hyogo
650-0046 Japan
TEL. +81-78-303-5555 / FAX. +81-78-303-5560

Guests arriving by train from Sannomiya station may take Port Liner roughly 10 minutes and get off at Shiminhiroba Station

Conference Venue:
Kobe International Conference Center

Time: August 19-21, 2019
6-9-1, Minatojimanakamachi, Chuo-ku, Kobe-shi, Hyogo, 650-0046, Japan
TEL. +81-78-302-5200
Fax: +81-78-302-6485

Ariston Hotel Kobe is located beside the Kobe International Conference Center (2 minute walk north of Kobe International Conference Center)
INTERNATIONAL CHOICE MODELLING CONFERENCE 2019

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Note: Lunch will be at Ariston Hotel Kobe
SESSION 1.1 - Artificial Neural Networks
1527 Ahmad Alawosheh, Sander Van Cranenburgh, Caspar Chorus
Using biological examples to diagnose artificial neural networks for discrete choice analysis

1516 Shenhou Wang, Jiruho Zhao
Multi-task learning deep neural network to combine revealed and stated preference data models

1458 Sander Cranenburgh, Marco Kouwenhoven
Uncovering the value of travel time distribution using artificial neural networks

SESSION 1.2 - Causality and Endogeneity
1774 Francesco Pereira, Aliaksandr Dazderpar, Stéphane Hess
Drawing causal inference from observed data: a causal empirical comparison of five panel data models

1431 David A Hensher, William H Greene, Camilo Balbontín
Experience as a conditioning effect on choice – Does it matter whether it is exogenous or endogenous?

SESSION 1.3 - Model structure and theory (1)
1820 André de Palma, Karim Kilani
A comparative characterization of additive random utility models satisfying IIA

1878 Hideyuki Kitah, Takuma Iinuma, Hajime Suyé
A game theoretical model of merging behavior at on-ramps considering multiple gaps

1850 Felipe Dios, Patricia Lavier, Chandra Bhart, Ram Pendiyo, William Lom
The interplay between virtual and in-person engagement: the case of shopping and eating meals

SESSION 1.4 - Long-term choices (1)
1861 Ali Shooshtari, Amr Shabanpour, Abolfazl (Korous) Mohammadian
The effect of vehicle transaction history on the adoption of autonomous vehicles

1731 Seheon Kim, Sooree Rhee
The influence of latent lifestyle on preference of Mobility as a Service (MaaS)

1755 Romain Castets et al. Sourd, Chiao Calastri, Stéphane Hess, Charisma Choihunry, David Palma
The path of life: modelling life course events using route choice model techniques

SESSION 1.5 - Satisfaction, morality, & regret (1)
1669 Daniel Engler, Elke Groth, Andrea Zep
The causal effect of religious and environmental identity on green preferences: a combined priming and stated choice experiment

1566 Ngoc Gérardin, Sander Van Cranenburgh, Olaf Calie, Emily Lomnitz, Caspar Chorus
The worst of the regret: estimating decision rule differences between 'best' and 'worst' choices in a sequential best-worst discrete choice experiment

1701 Tom van den Berg, Maarten Kroesen, Caspar Chorus
Putting moral foundation theory to the behavioural test

SESSION 2.2 - Dynamics and temporal stability
1772 Sebastian Buescher, Dietmar Bauer, Manuel Batam
Modeling taste change: comparing the prediction performance of different discrete choice models to analyze temporal stability

1682 Sachiyo Fukuyama
Dynamic time-space choice model for pedestrians in urban networks using discrete-continuous choice framework

1874 Yuhua Gao, Ion-Dyrk Schmeckel
Tourist route choices and short-term flow predictions in tourist areas

1486 Junyi Zhang, Makoto Chikarashii, Shuichi Yamamoto, Akimasa Fujiwara, Ying Jiang
Effects of traffic warning information on drivers’ continuous choice framework

SESSION 2.3 - Estimation
1747 Dietmar Bauer, Sebastian Buescher, Manuel Batam
Non-parametric estimation of mixed discrete choice models

1619 Piotrek Bansal, Rico Krueger, Michael Bienlare, Ricardo Dazderpar, Takaishi Rishiki
Bayesian estimation of mixed multinomial logit models: advances and simulation-based evaluations

1588 Francesco Balamond-Birke
MUH draws outperform Halton sequences. What about Sobol sequences?

1631 Piotrek Bansal, Vishwesh Vakkarazhdhey, Angelo Guevar, Ricardo Dazderpar, Shayan Li
Designed quadrature to approximate integrals in maximum simulated likelihood estimation

SESSION 2.4 - Large-scale data
1579 Jingbo Wang, Torzhiy Yamamoto, Kao Liu
Insight on propensity to persistently subscribe to personalized bus service based on long-term continuous observations

1700 Gawidin Badu Marfo
Privacy preserved generative learning approach for open behavioural data

1537 Umut Konus, Anastasios Dikoreas-Brugman, Anne Guy
Forced channel migration from offline to mobile channels, its impact on churn, channel choice and purchases: a field experiment

1607 Stanislav Borys, Jeppe Rich, Francesco Perroto
Generation of detailed synthetic surveys with deep generative modelling

SESSION 2.5 - Interactions and joint couple's decisions
1707 Adam Weiss, Yuvul Shifton, Shlomo Bekhor, Yoram Shifton
Equity-sensitive and avoiding behaviour in households: a new interaction term for RUM based discrete choice

1688 Shasha Liu, Enyan Tao, Torzhiy Yamamoto
Influence of built environment and intra-household interaction on commuting mode choice in dual-earner households

1700 Nathalie Picard,André de Palma, Sophie Danton
Leadership in mode choice decisions within couples

1399 Nobuhiro Sano, Watusri Kimuro
Stated preference survey to elicit joint decisions by asking a single respondent

SESSION 3.2 - Health
1743 Theo van der Meer, Liv Etter, Sarah Wadhwa, Claire Aitken, Danny Campbell
A novel utility-based framing effects in personalized care decision models

SESSION 3.3 - Data fusion with large data
1891 Ling-Jing Kao, Chih-Chou Chiu
The study of data fusion for TV viewership cross various media

1512 Yuanying Zhao, Jockey Pawlak, John Polak
Socioeconomic anonymization of enriched mobile network data: application of the inverse discrete choice modelling theory

1870 Andrew Beamohl, Charisma Choihunry, Marco Kouwenhoven, John Polak
The path of life: modelling life course events using route choice model techniques

SESSION 3.4 - Long-term choices (2)
1872 Prawira Belawisan, Ion-Dyrk Schmeckel, Ruzo Nasudzie
Impact of parents on their children's car choice: a comparative study of Japanese and Indonesian data

1449 Weiyang Zhang, Junyi Zhang, Ying Jiang
Migration biography and behavioral changes toward future migration: analysis based on an improved theory of planned behavior to accommodate interpersonalities across life domains and altruism

1604 Chiao Calastri, Stéphane Hess, Andy Zep
A study of parenting choices: exploring the impact of social care funding options

SESSION 3.5 - Satisfaction, morality, & regret (2)
1728 Erlend Sandor, Danny Campbell, Caspar Chorus
A simple satisfying model

1732 Wiktoria Budzinski, Mikolaj Czegelski
Endogenous spatial sacrifice: A case study of insurance

SESSION 3.6 - Clustering and latent class
1889 Panagiotis Tzivolidis, Charisma Choihunry
Comparison of machine learning clustering algorithms and latent classes for capturing heterogeneity in choice models

1600 Marijn LZ, Seda Erdem, Danny Campbell
Measuring time preference on repayment decisions: latent class trajectory modelling

1810 Tomas Cox, Ricardo Hultsch
Indigenous spatial sacrifice: A case study of insurance in households’ location decisions

Note: Last speaker is the chair in the session, except for the special sessions and several other sessions.
SESSION 4.1 - Behavioural economics and psychology (2)
1499 Jiangbo Gabriel Yu
An asymmetric choice model for dual process explication
1500 Tanaka Junichi, Tatsuya Shimbo, Kunihiro Watanabe
Context effects on respondents' responses in the stated preference survey: An experimental test
1501 Mauro Cicchitelli, Chiara Barone, Lorenzo Peracchi
Modelling pro-environmental choices across two different contexts
1502 Yi Jiang, Qizhu Zhu, Xiaofeng Li, Xiaofei Long
The influence of the route environment on the road network choice: evidence from Taiwan}

SESSION 5.1 - Behavioural economics and psychology (3)
1503 Zhonghua Zhang, Shuangqing Shuang, Weiyan Wei
Multiple discrete continuous choice models with conditional constraints on budget allocations: an application to disaggregate time-use analysis
1504 Shuijun Zeng, Jiekang Wei, Qingming Cui
A discrete choice experiment estimating the value of travel time: evidence from a binary stated-choice data
1505 Xiaoxia Wang, Jiajiu Li, Xiaojian Zou
An alternative approach to recovering inter and intra respondent heterogeneity in mixed multinomial logit models

SESSION 6.5 - Transport applications
1506 Baoli Pudane, Sander van Cranenburgh, Caspar Chorus
A choice model for the automated vehicle-era: extension and validation with interactive state-of-the-art travel survey
1507 Monique Stins, Annoe Enam, Abdolfazl (Kous) Mohammadan
Supply impacts of disruptive technologies: vehicle ownership and investment decision
1508 Carla Lingley, Clay Burton, Keith Rees
Testing the impact of intelligent transport systems on road network choice
1509 Andrew Baldock, Jörgen Wahlström
A framework for evaluation of non-market benefits of transport projects

SESSION 6.6 - Hypothetical biases
1510 Patrick Laviere, Felipe Daza, Chandra Bhat, Shivin Sharda, Ram Pendyala
Modeling respondent self-selection biases in the choice for travel diary reporting instrument: the smartphone effects
1511 Prakash Chavanillal Vettill, Yasuo Yamaguchi, Nisar Patil
Hypothetical bias and cognitive ability: farmers' preference for crop insurance products
1512 Linghua Menopace, Roberta Raffaelli
Unraveling hypothetical bias in discrete choice experiments
1513 Clemente Chiu, Cristian Guevara
Assessment of hypothetical bias in the estimation of the VOT using SP and SP-off RP data
SESSION 7.2 - Special Session - Models of moral decision making (1) (chaired by Caspar Chorus)
1837 Thomas Hancock, Stephen Hess Quantum rotation: a new method for capturing a change of perspective
1868 Ilia Droeni, Monje Schaafsma, Emmont Gentzkow Preferences for equitable distributions in resource management
1606 Eline van den Broek-Altenburg, Kelly Gorthard, Maarten Kroesen, Caspar Chorus Expressions of moral values in palliative care patients and their influence on end of life decisions
SESSION 8.3 - Special Session - Energy and environmental decision-making (3) (chaired by Bying Yu)
1853 E. Owen Waygood, Ricardo Daziano, Zachary Patterson, Matthew Feinberg, Babin Wee How will information framing influence individual’s willingness-to-pay for CO2 emissions reductions?
1720 Darla MacDonald, Marie-Chantale Pelletier, John Rose, Caroline Sullivan Does information matter in the value of wetlands?
1746 Ilia Dubetum, Thibaut Dubetum, Kay Ashusen, Maarten Von Strien Trade-offs between nature conservation and residential and transport choices in the Swiss Plateau
SESSION 8.4 - Hybrid choice (2)
1677 Anna Bartczak, Berenada Gobiowksi, Wiktor Rudyziak Impact of beliefs about negative effects of wind turbines on preference heterogeneity regarding renewable energy development in Poland
1546 Evangelos Paschalidou, Forough Hajiheydari, Chongfeng Wei, Albert Soleriu, Cristian Criado, Laura Bautista, Enno Boer Deriving driving comfort of autonomous vehicles: a time-series variable approach of speed choice
1802 Diyanshit Tahinyan, Michael Maness Incorporating social capital as a latent variable in discrete choice models
SESSION 8.5 - VR and simululators (2)
1602 Muhammad Fayyaz, Michel Bliemer, Matthew Beck, Peter Rutstram, Stephanie Hess, I.W.C van Lint Route choice behaviour under travel time uncertainty accounting for learning via description and experience-based feedback
1785 Martyna Bogacz, Stephanie Hess, Charisma Choudhury, Chao Caula, Alexandre Freth, Michael Van Eggemoren, Faisal Mustaq, Muhammad Awsai Modelling risk perception using a dynamic hybrid choice model and brain-imaging data application to virtual reality cycling
1893 Juliaen Arlettaz, Luise Giorno, Jesus Esteves, Victoria Witters, Robert Smeets, Robert Witters, Rachel Webber, Paschalidis, Evangelos The use of virtual immersive reality for discrete choice experiments to evaluate pedestrian behaviour
SESSION 8.6 - Rare events
1487 Ying Jiang, Jinyi Zhang, Yuqing Zhou Capturing drivers’ stated adaptation behaviors to traffic accidents on expressways based on a mixed logit model with correlated multiple reference levels
1706 Emily Moyalan, Michel Bliemer, Tahia Rashid The impact of rare events on valuations of reliability
1624 Milad Haghani, Hidaj Sorvi Modelling evacuees’ decision-making using non-hypothetical experimental choice data
SESSION 9.1 - Special Session - Machine learning and spatiotemporal choice modelling (3) Novel Applications of Machine Learning in Choice Modelling (chaired by Bilal Farooq)
1479 David Lopez, Ali Radzadeh, Bilal Farooq, Zachary Patterson Distributed privacy aware choice modelling using federated learning over blockchain
1609 Hajiyev Spatial temporal choice modelling in crude oil seaborne trade using machine learning
1825 Junyi Urata, Makoto Chikaraishi Application of deep reinforcement learning to destination choice for improving predictability and generating a choice set
SESSION 9.2 - Valuation
1722 Phini Chintakayala, Mark Wardman, Chris Heywood Effect of worthwhile use of travel time on non-business travel time dissatisfaction
1443 Basil Schmidt, Joe Molloy, Simona Jokubkauskaite, Florian Assche, Reinhard Hosinger, Stefana Peer, Regine Genke, Sergio R. Jar-Diao, Kay W. Ahrhausen, Aiden level individual devaluation of the component of travel time savings into the value of leisure and the value of time assigned to travel
1481 Thijz Dekker, Paul Koster, Nieki Mouter The economics of participatory value evaluation
SESSION 9.3 - Discrete-continuous choices with MDCEV (2)
1494 Houzing Zhou, Li Tang, Sounding Qian Analysis of multimode travel information choice in urban area using multiple discrete continuous extreme value MDCEV model
1794 Annesha Enam, David Polma, Stephanie Hess, Christa Calastri, Roman Croates di Sant’Eustachio Episode-based approach to multiple discrete continuous (MDC) models: a novel framework for time use analysis
1777 Annesha Enam, Joshua Auld, Tahia Rashidi, Monique Stinson Utilising the hypothetical travel based multiple discrete continuous (MDC) model: exploring time allocation into travel-based multiskilling generation modelling
SESSION 9.4 - Model structure and theory (1)
1628 Babar Abbas, Iji Hatto, Junyi Urata Dynamic activity chain analysis using an undiscountedregional logit model with machine learning
1767 Makoto Chikaraishi, Wataru Nokonishi, Hayme Jeong A continuous representation of link in the recursive logit model: an application to modeling pedestrian behavior
1510 Giancarlo Tresconce Parady, David Orly, Joan Wolter The influence on statistical goodness of fit and under-reliance on empirical validation in discrete choice models: a review of validation practices in the transportation academic literature
SESSION 9.5 - Perception, priorities and preferences
1550 Ramin Shabnour, Nima Golshani, Abolfazl (Kourois) Mohammadian The role of perceptual factors in the adoption of autonomous vehicles
1559 Thomas Magor, Len Coote Priority alignment: linking priorities to preferences
1856 Sunghoon Jang, Sooja Ransell, Horry Shin, Vincent Pasquier Representing varying perception error as a function of route overlap in regret-avoidance models of route choice behavior
SESSION 9.6 - Goals
1596 Jenne Gaty, Flavio Souza, Joffe Swart Subset choice - the pervasive role of goals
1702 Flavio Freire Souza, Joffe Swart “Whose plan is it?” Understanding how the goal pursuit of carers and consumers influence choices in the Australian disability sector
1511 Sung Ho Kim, Patricia Lyon Mackinnon, Giovanni Cicirelli Do people expect autonomous vehicles to change their long-term travel-related decisions? Accounting for taste heterogeneity in prospective residential location and vehicle ownership choices
**CONFERENCE DINNER**

**Venue: The Sorakuen**
(Access from the Front Gate (garden entrance) of Sorakuen Garden)

**Time: August 21, 2019**
18.30 – 21.00

Sorakuen Garden
5-3-1 Nakayamadeto-dori, Chuo-ku, Kobe
650-0004
TEL: 078-351-5155

Completed in the early 20th century, Sorakuen Garden was built on the residence of Tajiro Kodera, father of former Kobe City Mayor Kenkichi Kodera. After coming under the ownership of the city of Kobe, it was named “Sorakuen” and opened to the public.
From Sannomiya Sta take Port Liner to Shiminhiroba Sta (10 minutes) then walk to the venue (2 minutes).