



# ICMC

INTERNATIONAL  
CHOICE MODELLING  
CONFERENCE

7<sup>th</sup> ICMC  
Reykjavík, Iceland  
23 to 25 May 2022

Conference programme

Conference supported by

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## Dear friends

It is our great pleasure to welcome you to the seventh International Choice Modelling Conference.

Reykjavík 2022 follows on from two conferences in the UK (2009 and 2011), Sydney (2013), Austin, Texas (2015), Cape Town (2017) and Kobe (2019). And as Iceland sits on both the Eurasian and North American tectonic plates, we can say that this marks the first time that ICMC has been held on two continents at the same time! When we announced Iceland as the venue during the closing session of the Kobe conference, there was great excitement and we hope many of you are able to experience this beautiful country.

Of course, when we took the quite conscious decision to organise the conference without much (or any) local support, we hadn't anticipated having to do so remotely due to Covid19 restrictions. After a year of enforced delays, we are now finally here, and we are delighted to again see many returning delegates as well as a large group of new attendees.

Despite continuing uncertainty, we received a record number of submissions for the conference, with a final set of delegates coming from 24 different countries covering all inhabited continents, again highlighting the global nature of choice modelling.

This opening message is also tinged with sadness as we have lost two leading figures and great supporters of ICMC since Kobe.

*A.A.J. (Tony) Marley passed away on 9 July 2021. Tony was actively collaborating with several of us until his death, trying to help us bridge the gap between mathematical psychology and choice modelling, and as those of you present at the closing ceremony in Kobe may remember, Tony was listed as a member of the scientific committee for the Reykjavík conference.*

*Jordan Louviere passed away on 8 May 2022. Jordan's contributions are too numerous to list. He will be remembered for his key work on stated preference techniques, including best-worst scaling, as well as his sharp mind (and tongue) when commenting on other people's work ("We've known this/been doing this for 25 years!"). Jordan was also the chair of ICMC 2011.*

Tony and Jordan will be fondly remembered at Reykjavík 2022.

As repeat attendees will know, 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.

A big thank you as always to our pool of reviewers who played a crucial role in selecting the diverse and high quality set of papers included in the programme. Also, a very special thank you to our conference sponsors, Evidera, SurveyEngine and Ngene. We invite you all to attend the Evidera session on Patient preferences in health care decision making, which will take place 5:45PM-6:45PM in Rima A on 24 May, where job opportunities will also be discussed. Similarly, from 7PM to 11PM on 24 May, you are invited to food and drinks on the water at Iðnó Culture House, a fun evening with colleagues sponsored by SurveyEngine and Ngene where Ben White, Ludwig Butler, Michiel Bliemer, and John Rose will present a major advance in experiment design.

In closing, a big welcome back to the many of you have attended previous ICMC conferences, and a very special welcome to new members of the iCMC family.

Stephane & Erlend



### Conference chairs



**Stephane Hess**



**Erlend Dancke Sandorf**

	Monday, 23 May	Tuesday, 24 May	Wednesday, 25 May
08:00 08:30	registration		
08:30 09:00			
09:00 09:30	opening plenary session	parallel session 4	keynote: Emily Lancsar
09:30 10:00	keynote: Vic Adamowicz		break
10:00 10:30		break	
10:30 11:00	break	break	
11:00 11:30	parallel session 1	parallel session 5	parallel session 8
11:30 12:00			
12:00 12:30			
12:30 13:00	lunch	lunch	lunch
13:00 13:30			
13:30 14:00	parallel session 2	parallel session 6	parallel session 9
14:00 14:30			
14:30 15:00			
15:00 15:30	break	break	break
15:30 16:00			
16:00 16:30	parallel session 3	parallel session 7	parallel session 10
16:30 17:00			
17:00 17:30	welcome reception at Harpa	Evidera sponsored session	
17:30 18:00			
18:00 18:30			
18:30 19:00		SurveyEngine / Ngene reception	conference dinner at Whales of Iceland
19:00 19:30			
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21:30 22:00			
22:00 22:30			
22:30 23:00			

Monday, 23 May

	Kaldalón	Ríma A	Ríma B	Vísa	Stemma
09:00-09:30	<b>Session 1: opening plenary (Kaldalón)</b>				
09:30-10:30	<b>Keynote presentation: Vic Adamowicz</b> <b>Environmental Valuation, Stated Preference, and the "Credibility Revolution"</b>				
10:30-11:00	break				
	<b>Session 2.A</b>	<b>Session 2.B</b>	<b>Session 2.C</b>	<b>Session 2.D</b>	<b>Session 2.E</b>
11:00-11:30	Tomas Rossetti and Ricardo Daziano <i>Preferences for COVID-19 testing: The effect of perceived risk of false diagnosis and pandemic attitudes (paper #96)</i>	Dietmar Bauer, Sebastian Büscher and Lennart Oelschläger <i>Determinants for the efficiency loss due to using a composite marginal likelihood for estimating a probit model in the panel setting (paper #104)</i>	Henrik Andersson, Arne Risa Hole and Jan-Erik Swärdh <i>Does WTP for transport safety vary by mode? (paper #171)</i>	Keishi Fujiwara, Varun Varghese, Makoto Chikaraishi, Takuya Maruyama and Akimasa Fujiwara <i>Exploring the Effects of Response Lag on Model Estimation Results using a Real-Time Context-Aware Stated Preference Survey Data (paper #144)</i>	Malte Oehlmann, Matthias Staudigel and Jutta Roosen <i>Heterogeneous preferences and response to sugar tax regimes – The case of breakfast cereals in Germany (paper #234)</i>
11:30-12:00	Stephane Hess <i>Understanding preferences for COVID-19 vaccination: results from a unique longitudinal stated choice study covering 18 countries across 6 continents (paper #1)</i>	Tao Feng, Junyi Zhang and Makoto Chikaraishi <i>Modeling the multiple ordered choice of correlated alternatives based on context dependence and copula approach: A case study for companies' choice of innovative energy facilities (paper #229)</i>	Andre de Palma, Karim Kilani and Paolo Delle Site <i>Welfare Inequality for discrete choices (paper #226)</i>	Ewa Zawojcka, Bartosz Jusypenko and Aleksandra Wiśniewska <i>Benefit transfer for performing arts using stated choice models: Evidence for validity and reliability (paper #184)</i>	Maximiliano Lizana, Charisma Choudhury and David Watling <i>Modelling mobility profiles of public transport passengers during the pandemic of COVID-19 using smart card data (paper #206)</i>
12:00-12:30	Michiel Bliemer, Matthew Beck and Caspar Chorus <i>What matters more in a pandemic: lives or jobs? (paper #10)</i>	Melvin Wong, Silvia Varotto and Michel Bierlaire <i>Unimodal Ordered Logit: A utility-correction discrete choice model to capture correlations of sequential ordered responses (paper #108)</i>	Thijs Dekker, Paul Koster and Richard Batley <i>Welfare analysis when income and prices are included in discrete choice models (paper #259)</i>	Roberta Raffaelli and Sandra Notaro <i>Do indirect questions exert a debiasing effect on answers to direct questions? Evidence from a DCE (paper #287)</i>	Caroline Winkler, Raphael Mesaric and Kay Axhausen <i>What have you been up to? Using two years of panel GPS data to investigate time use during the COVID-19 pandemic in Switzerland (paper #70)</i>
12:30-13:30	Lunch				
	<b>Session 3.A</b>	<b>Session 3.B</b>	<b>Session 3.C</b>	<b>Session 3.D</b>	<b>Session 3.E</b>
13:30-14:00	Andrea Wunsch, Jürgen Meyerhoff and Katrin Rehdanz <i>Cost non-attendance in stated choice experiments: a think-aloud approach (paper #29)</i>	José Ignacio Hernández, Sander van Cranenburgh, Niek Mouter and Caspar Chorus <i>Analysing complex decision-making from a data-driven perspective: using machine learning methods for Participatory Value Evaluation (paper #112)</i>	Wiktor Budzinski and Ricardo Daziano <i>Preferences for online grocery shopping during the COVID-19 pandemic – the role of concern and attitudes towards crowding (paper #12)</i>	Samson Yaekob Assele, Michel Meulders and Martina Vandebroek <i>The value of consideration data in a discrete choice experiment (paper #102)</i>	Julie Agnew, Hazel Bateman, Christine Eckert, Fedor Iskhakov, Jordan Louviere and Susan Thorp <i>Who Pays the Price for Bad Advice?: The Role of Financial Vulnerability, Learning and Confirmation Bias (paper #11)</i>
14:00-14:30	Malte Welling, Jens Rommel and Julian Sagebiel <i>Information processing in stated preference surveys: A case study on urban gardens (paper #62)</i>	Georges Sfeir, Filipe Rodrigues and Maya Abou Zeid <i>Gaussian Process Latent Class Choice Models (paper #219)</i>	Mariangela Scorrano, Terje Andreas Mathisen, Romeo Danielis, Ozlem Simsekoglu Nordfjaern and Giuseppe Marinelli <i>Car choice in Norway and Italy. A comparison of car drivers' preferences and attitudes via a hybrid mixed choice model (paper #163)</i>	Frits Traets, Michel Meulders and Martina Vandebroek <i>Modelling consideration heterogeneity in a two-stage conjunctive model. (paper #126)</i>	Lachlan Cameron and Jemimah Ride <i>Using a Discrete Choice Experiment to Understand Online Gambling Choices (paper #40)</i>
14:30-15:00	Erlend Dancke Sandorf, Tobias Börger, Danny Campbell, Romain Crastes Dit Sourd, Mikolaj Czajkowski, Stephane Hess, Jette Bredahl Jacobsen, Søren Bøye Olsen, Henrik Lindhjem, Petr Mariel and Jürgen Meyerhoff <i>Exploring status quo effects in stated preference experiments: A meta style analysis (paper #85)</i>	Xiaodong Li, Tao Feng, Soora Rasouli and Haibo Kuang <i>Exploring random taste heterogeneity in choice modelling using mixture density network (paper #245)</i>	Angela Haddad, Aupal Mondal and Chandra Bhat <i>Understanding Individual's Non-Domestically Cooked Meal Preference Using an Integrated and Joint Choice-Count Model (paper #168)</i>	Matteo Felder, Adrian Meister and Kay W. Axhausen <i>Choice set generation for large-scale cycling networks (paper #174)</i>	Ariel Gu and Hong Il Yoo <i>Investor Preferences and Overpricing of Lottery-Like Stocks: Evidence from a Choice Experiment (paper #151)</i>
15:00-15:30	Tobias Börger, Klaus Glenk, Jürgen Meyerhoff and Katrin Rehdanz <i>Nailing down fat tails in choice experiments with cheap talk scripts and opt-out reminders (paper #88)</i>	Tim Hillel <i>OrdinalGBM: Ordinal Gradient Boosting Machine for modelling ordered choices (paper #249)</i>	Chiara Calastri, Stephane Hess, Gurleen Popli and Jennifer Roberts <i>Women's labour market participation and its link with attitudes towards gender roles in the family (paper #165)</i>	Jacqueline Arriagada, Angelo Guevara and Marcela Munizaga <i>Evaluating practical approaches for building the consideration set in route choice modeling using smart card data from a large-scale public transport network (paper #213)</i>	
15:30-16:00	break				

	<b>Session 4.A</b>	<b>Session 4.B</b>	<b>Session 4.C</b>	<b>Session 4.D</b>	<b>Session 4.E</b>
16:00-16:30	Subodh Dubey, Oded Cats, Serge Hoogendoorn and Prateek Bansal	Sandra Notaro and Konstantinos Hadjichristidis	Aemiro Melkamu Daniel, Job Van Exel and Caspar Chorus	Fatemeh Naqavi, Marcus Sundberg, Anders Karlström and Oskar Blom Västberg	Max Gardner and Paul Waddell
	<b><i>A Multinomial Probit Model with Choquet Integral and Attribute Cut-off (paper #139)</i></b>	<b><i>Contextual priming: A psychological factor influencing the formation of preferences in discrete choice experiments (paper #115)</i></b>	<b><i>Self-interest, positional concerns and distributional considerations in healthcare choices (paper #71)</i></b>	<b><i>Exchangeability in Generalized Nested Logit Models (paper #178)</i></b>	<b><i>Numerical Analysis of Error due to Sampling of Alternatives in Logit-Based Demand Forecasting Models with Massive Choice Sets (paper #281)</i></b>
16:30-17:00	Aupal Mondal and Chandra Bhat	Gloria Amaris, Stepan Vesely and Stephane Hess	Michal Bylicki, Ewa Zawajska and Krystian Łukasik	Emma Lucken, Jessica R. Lazarus, Susan A. Shaheen and Joan L. Walker	Sebastian Astroza, Adrián Flores and Daniela Robles
	<b><i>Investigating Residential Built Environment Effects on Rank-Based Modal Preferences and Auto-Ownership (paper #132)</i></b>	<b><i>A choice modelling analysis of pro-environmental behaviour spillover (paper #6)</i></b>	<b><i>How much is online privacy worth? Valuation of personal data shared with the main platform providers - the case of Poland (paper #76)</i></b>	<b><i>Estimating block diagonal covariance matrix to quantify impacts of microtransit services before and during COVID-19 (paper #260, presenting remotely)</i></b>	<b><i>Understanding accessibility to education from the offer side: spatial-rings analysis in Santiago, Chile. (paper #277)</i></b>
17:00-17:30	Rico Krueger and Ricardo A Daziano	Daniel Engler, Gunnar Gutsche, Sophia Möller and Andreas Ziegler	Nicholas Smeele, Caspar Chorus, Bas Donkers, Maartje Schermer and Esther de Bekker-Grob	Diego Fuentealba and C. Angelo Guevara	Nicolò Daina, Francesco Manca and Aruna Sivakumar
	<b><i>Stated choice analysis of preferences for COVID-19 vaccines using the Choquet Integral (paper #75)</i></b>	<b><i>What information nudges investors to invest sustainably? (paper #215)</i></b>	<b><i>Toward data-driven choice models for moral choice analysis: helpful or harmful? (paper #183)</i></b>	<b><i>On the distance target-competitor, susceptibility, and valuation of decoys to influence public transport choices (paper #237)</i></b>	<b><i>Exploring Participation Choice in App-based Residential Demand Response (paper #264)</i></b>

Tuesday, 24 May

	<b>Kaldalón</b> <i>Session 5.A</i>	<b>Ríma A</b> <i>Session 5.B</i>	<b>Ríma B</b> <i>Session 5.C</i>	<b>Vísa</b> <i>Session 5.D</i>	<b>Stemma</b> <i>Session 5.E</i>
09:00-09:30	Rico Krueger, Michel Bierlaire, Thomas Gasos and Prateek Bansal  <b>Robust discrete choice models with t-distributed kernel errors (paper #61)</b>	Hajime Watanabe and Takuya Maruyama  <b>A Bayesian instrumental variable model for multinomial choice with correlated alternatives (paper #194)</b>	Malte Welling, Ewa Zawojcka and Julian Sagebiel  <b>Information, consequentiality and credibility in stated preference surveys: A choice experiment on climate adaptation (paper #49)</b>	Arash Kalatian, Charisma Choudhury, Ed Manley and Peter Baudains  <b>Modelling the drivers of shifts in occupation during the Covid-19 pandemic using passive mobility data sources (paper #272)</b>	Eric Molin, Jorge Quesada, Sihyun Yoo, Kees Maat and Bert van Wee  <b>Is holiday destination a positional good? (paper #16)</b>
09:30-10:00	Thomas O. Hancock, Charisma F. Choudhury, Joan Walker and Stephane Hess  <b>Quantum choice models leap out of the laboratory: capturing real-world behavioural change. (paper #208)</b>	Thomas E Guerrero B, C. Angelo Guevara, Juan de Dios Ortúzar and Elisabetta Cherchi  <b>Characterizing the Impact of Discrete Indicators to Correct for Endogeneity in Discrete Choice Models (paper #254)</b>	Mohammed Hussien Alemu, Søren Bøye Olsen and Jesper Sølvner Schou  <b>How consequential is consequentiality? Testing impacts of survey consequentiality in an environmental Stated Choice Experiment (paper #216)</b>	Roel Faber, Sebastiaan Thoen, Marco Kouwenhoven, Maarten Kroesen and Eric Molin  <b>Determining the effect of COVID-19 on the value of travel time using a panel design (paper #230)</b>	Bartosz Jusypenko, Mikołaj Czajkowski and Ben White  <b>Using choice experiments to value immovable cultural heritage in Australia (paper #185)</b>
10:00-10:30	Chandra Bhat  <b>A New Closed-Form Multiple Discrete-Count Extreme Value (MDCNTEV) Model (paper #131)</b>	David Bunch, Debapriya Chakraborty and David Brownstone  <b>Estimating Choice Models from Discrete Choice Experiments with Customization-Induced Endogeneity (paper #241)</b>	Tomas Badura, Jan Urban, Silvia Ferrini and Davina Vačkářová  <b>How important is payment consequentiality? Comparing real, probabilistic, and hypothetical choice experiments in a context of ecosystem restoration (paper #285)</b>	Eline Van Den Broek-Altenburg, Jamie Benson, Adam Atherly and Stephane Hess  <b>Drivers of Health Disparities and Consequences for COVID-19 Vaccine Choices: Modelling Health Preference Heterogeneity among Underserved Populations (paper #181)</b>	Margrethe Aanesen, Mikołaj Czajkowski, Henrik Lindhjem and Ståle Navrud  <b>Measuring social acceptance of aquaculture expansion in Norway – A choice modelling approach (paper #204)</b>
10:30-11:00	break				
	<i>Session 6.A</i>	<i>Session 6.B</i>	<i>Session 6.C</i>	<i>Session 6.D</i>	<i>Session 6.E</i>
11:00-11:30	Francisco J. Bahamonde-Birke and C. Angelo Guevara Cue  <b>Which rubber duck makes the best decoy? Considering the decoy effect on the basis of different behavioral theories (paper #48)</b>	Jasper Tjaden, Ulf Liebe and Davide Bruscoli  <b>Explaining re-migration preferences – Evidence from a Discrete Choice Experiment in Sudan (paper #39)</b>	Masahiro Araki, Giancarlo Parady and Kiyoshi Takami  <b>Deterministic Annealing EM algorithm to Estimate Latent Class Model: An Application to Evacuation Behavior in the Great East Japan Earthquake in 2011 (paper #200)</b>	Marco Kouwenhoven, Sebastiaan Thoen, Jeroen Muller, Gerard de Jong and Sander van Cranenburgh  <b>A comparison of designs of two-attribute VTT SP-experiments and implications for future studies (paper #221)</b>	Mirosława Lukawska and Filipe Rodrigues  <b>Context-aware Bayesian choice models (paper #158)</b>
11:30-12:00	Aemiro Melkamu Daniel, Niek Mouter and Caspar Chorus  <b>Approximating altruistic motivations underlying preferences for public health policies using risk-perception metrics (paper #72)</b>	Taisei Yoshioka, Makoto Chikaraishi and Akimasa Fujiwara  <b>A two-sided market analysis on the diffusion of local currency with considering spatial distributions of consumers and merchants (paper #53)</b>	Aaditya Bhamidipati and Rahul T M  <b>Systematic analysis of measurement errors in discrete choice models – A hybrid choice modelling approach (paper #164)</b>	Chiara Whichello, Ian P. Smith, Jorien Veldwijk, G. Ardine de Wit, Maureen Pmh Rutten-van Molken and Esther W. de Bekker-Grob  <b>Discrete choice experiment versus swing-weighting: A head-to-head comparison (paper #119)</b>	Yuanying Zhao, Jacek Pawlak and Aruna Sivakumar  <b>Big data and privacy: How does Inverse Discrete Choice Modelling socio-demographic enrichment performs with respect to quality and level of aggregation in the data (paper #159)</b>
12:00-12:30	John Rose, Antonio Borriello and Andrea Pellegrini  <b>Formative versus Reflective Attitude Measures: Extending the Hybrid Choice Model (paper #81)</b>	Nathalie Picard and Guillaume Chapelle  <b>Social housing, neighborhood choice and capacity constraints (paper #205)</b>	Sebastian Büscher and Dietmar Bauer  <b>Weighting strategies for pairwise composite marginal likelihood estimation in case of unbalanced panels and unaccounted autocorrelation of the errors (paper #109)</b>	Daisuke Fukuda, Makoto Chikaraishi, Shinji Nakagawa and Tsuyoshi Ono  <b>A Unified Survey and Estimation Framework for Valuing Travel Time Reliability (paper #118)</b>	Jesper Bláfoss Ingvarðson, Mikkel Thorhauge, Otto Nielsen and Morten Eltved  <b>Public transport route choice modelling: Identification of bias when using smart card data (paper #246)</b>
12:30-13:30	Lunch				

	Session 7.A	Session 7.B	Session 7.C	Session 7.D	Session 7.E
13:30-14:00	Joel Fredriksson and Anders Karlström	Seheon Kim and Soora Rasouli	Arash Kalatian, Fangqing Song and Charisma Choudhury	Faical Akaichi and Klaus Glenk	Katherine Asmussen and Chandra Bhat
	<i>A Discrete Choice Model - Analyzing non-linear contributions to predictive performance (paper #263)</i>	<i>Modelling the impacts of COVID-19 measures on activity-travel behavior in the Netherlands: A MDCEV framework (paper #45)</i>	<i>Using social media data to investigate perceptions towards autonomous vehicles around the world (paper #280)</i>	<i>Towards greater transparency in selecting cost vectors for discrete choice experiments in the context of food choice (paper #84)</i>	<i>On Modeling Workplace Location Decisions in a Post-COVID Future (paper #128)</i>
14:00-14:30	Kimia Kamal and Bilal Farooq	David Palma, Stephane Hess, Joseph Molloy and Kay Axhausen	Shuwei Lin, Chiara Calastri and Stephane Hess	Stanisław Łaniewski, Mikołaj Czajkowski, Maciej Sobolewski and Marek Giergiczyński	Mohammadjavad Javadinasr, Ehsan Rahimi, Ramin Shabanpour, Ali Shamshiripour, Nima Golshani and Abolfazl Mohammadian
	<i>Interpretable Deep Neural Networks for Ordered Choices (paper #133)</i>	<i>Using the extended Multiple Discrete Continuous model to predict kilometres travelled by mode (paper #192)</i>	<i>Modelling joint activity engagement: exploring the influence of the characteristics of social network members (paper #267)</i>	<i>Cost Levels Anchoring in Discrete Choice Experiments (paper #189)</i>	<i>The Dynamics of Online Grocery Shopping During the Covid-19 Pandemic: Evidence from Chicago (paper #110)</i>
14:30-15:00	Ioanna Arkoudi, Carlos Lima Azevedo and Francisco Pereira	Jai Malik, David Bunch and Giovanni Circella	Milad Ghasri, Alireza Abbasi and Akshay Vij	Wojciech Zawadzki and Ewa Zawajska	Xiatian Iogansen, Jai Malik, Nicholas Johnson and Giovanni Circella
	<i>Interpretable Embeddings for Representing Categorical Variables within Discrete Choice Models (paper #252)</i>	<i>Evolving Trends in Telecommuting and Commute Mode Use during the COVID-19 Pandemic: An Extended Hidden Markov Modelling Approach with an MDCEV Kernel (paper #253)</i>	<i>Evolution of Willingness-to-Pay for Driverless Cars Based on Social Media Sentiments (paper #117)</i>	<i>Anchoring on the first task in a discrete choice experiment: A comparative study for willingness-to-pay and willingness-to-accept measures (paper #201)</i>	<i>Investigating the Factors Associated with Household Vehicle Ownership Change during the COVID-19 Pandemic (paper #235)</i>
15:00-15:30	Sander Van Cranenburgh	Sangram Nirmale, Abdul Pinjari and Partha Chakraborty	Michael Maness and Trang Luong	Julian Sagebiel, Christoph Schulze, Mikołaj Czajkowski, Jens Rommel, Bettina Matzdorf, Katarzyna Zagórska and Wojciech Zawadzki	Gloria Amaris, Fangqing Song, Chiara Calastri, Stephane Hess, Matthew Beck, Mark Zuidgeest, Roger Behrens, Hazvinei Tsitsi Tamuka Moyo and Julián Arellana
	<i>Data requirements for learning functional relationships using artificial neural networks (paper #3)</i>	<i>Multi-vehicle anticipation based discrete-continuous choice modelling framework to model drivers' latent intents and two-dimensional movement in heterogeneous disordered traffic conditions (paper #231)</i>	<i>A Testable Latent Variable Framework for Outcomes of Social Capital Mobilization (paper #282)</i>	<i>Bid-vector and elicitation format effects in incentive-compatible contingent valuation (paper #243)</i>	<i>A multi-country panel study of behaviour, attitudes and expectations during the COVID-19 pandemic (paper #239)</i>
15:30-16:00	break				
	Session 8.A	Session 8.B	Session 8.C	Session 8.D	Session 8.E
16:00-16:30	David Meester, John Buckell and Thomas O Hancock	Mehek Biswas and Abdul Pinjari	Khatun Zannat, Charisma Choudhury, Stephane Hess and Juan-Antonio Carrasco	Alastair Shipman, Aruna Sivakumar, Panagiotis Angeloudis, Yiannis Demiris and Ahmadreza Faghilmani	Gabriel Pereira Caldeira and Cassiano Augusto Isler
	<i>Extensions of Decision Field Theory: application to health economics, taste heterogeneity, and decision rule heterogeneity (paper #7)</i>	<i>The use of pooled SP-RP choice data to simultaneously identify variability in alternative attributes and random coefficients on those attributes (paper #55)</i>	<i>Heterogeneity in activity participation: A comparative analysis of Multinomial logit model (MNL) and multiple discrete-continuous choice model (MDCEV) (paper #250)</i>	<i>Perceived safety and road-crossing decisions in response to traditional and autonomous vehicles across desktop and virtual reality paradigms (paper #101)</i>	<i>Spatial dependency in Random Regret Minimization models: an application to travel mode choice in Global South (paper #236)</i>
16:30-17:00	Flora Gautheron, Jean-Charles Quinton and Anniq Smeding	Anna Bartczak, Wiktor Budzinski, Ulf Liebe and Jurgen Meyerhoff	Luis A. Guzman, Julián Arellana Ochoa, Andrea Carolina Dominguez and Olga Lucia Sarmiento	Amir Davatgari, Afshin Allahyari, Sina Asgharpour, Ehsan Rahimi, Kouroos Mohammadian and Joshua Auld	Peter King, Martin Dallimer, Thomas Lundhede, Gail Austen, Jess Fisher, Katherine Irvine, Robert Fish and Zoe Davies
	<i>A computational model to account for conflict in moral and nonmoral decisions (paper #64)</i>	<i>Distributive justice in payments for air quality improvement: a study combining factorial survey and choice experiment data (paper #66)</i>	<i>Time use decisions after a new cable car implementation (paper #283)</i>	<i>Investigating Characteristics of Adoption and Usage Frequency of E-scooters: Case of Chicago (paper #135)</i>	<i>Spatio-temporal heterogeneity in preferences for woodland biodiversity (paper #134)</i>
17:00-17:30	Stephane Hess, Thomas O. Hancock, Charisma Choudhury, Faisal Mushtaq and Mark Mon-Williams	Marco Kouwenhoven, Gerard de Jong, Gijs van Eck, Jasper Willigers, Sebastiaan Thoen and Larissa Eggers	Raphael Mesaric, Caroline Winkler, Joseph Molloy and Kay W. Axhausen	Hyewon Namgung, Makoto Chikaraishi and Akimasa Fujiwara	Malte Welling, Jette Bredahl Jacobsen, Søren Bøye Olsen and Thomas Lundhede
	<i>Using a mathematical representation of brain processes to explain choices: introducing the free energy principle to mainstream choice modelling (paper #286)</i>	<i>A model of demand for cars in The Netherlands based on data from the person, household and vehicle registers (paper #94)</i>	<i>How did the Swiss population adapt their activity time use and timing behavior during the COVID-19 pandemic? An analysis of GPS tracking data with MDCEV models (paper #74)</i>	<i>Capturing people's perceived safety under a new transport environment with V2V and V2I communications based on a comparison of real and virtual experiences (paper #220)</i>	<i>Distance decay in quantity based policy changes: evidence from a choice experiment on urban green (paper #89)</i>
17:30-17:45	break				
17:45-18:45	<b>Session 9: Sponsored session: Sebastian Heidenreich and Chiara Whichello (Rima A)</b> <b>Patient preferences in health care decision making: applications and career opportunities @ Evidera</b>				
19:00-23:00	<b>Food and Drinks on the water at Iðnó</b> <b>Sponsored Event by SurveyEngine and Ngene; Ben White, Michiel Bliemer, Ludwig Butler, John Rose</b>				

Wednesday, 25 May

	Kaldalón	Ríma A	Ríma B	Vísa	Stemma
09:00-10:00	<b>Session 10: Keynote presentation: Emily Lancsar (Kaldalón)</b>				
	<b>Valuing health</b>				
10:00-10:30	break				
	<b>Session 11.A</b>	<b>Session 11.B</b>	<b>Session 11.C</b>	<b>Session 11.D</b>	<b>Session 11.E</b>
	Petr Mariel and Alaitz Artabe	Panagiotis Tsoleridis, Stephane Hess and Charisma Choudhury	Debapriya Chakraborty, David Brownstone and David Bunch	Patrick Bigler and Doina Radulescu	Kaitlynn Sandstrom and Frank Lupi
10:30-11:00	<i>Simulation based method for the identification of non-trading behaviour in stated choice studies (paper #8)</i>	<i>Accounting for distance-based correlations among alternatives in the context of spatial choice modelling using high resolution mobility data (paper #56)</i>	<i>Choice of vehicle technology and its usage - Joint analysis of the choice of plug-in electric vehicles and miles traveled (paper #145)</i>	<i>Welfare, Redistributive and Revenue Effects of Policies Promoting Fuel Efficient and Electric Vehicles (paper #27)</i>	<i>Comparing Water Quality Valuation Across Probability and Non-Probability Samples (paper #25)</i>
	Stephanie Fernandez Pernet and Julian Arellano Ochoa	Rui Yao and Shlomo Bekhor	Stephen McCarthy, Anders Karlström and Oskar Blom Västberg	Jeppe Rich, Mikkel Thorhauge and Stefan Mabit	Yui Chi Edwin Lo and Duncan Knowler
11:00-11:30	<i>Disentangling choice behavior using eye-tracking and self-report questionnaires (paper #278)</i>	<i>Route choice set generation using variational autoencoders (paper #18)</i>	<i>Activity duration dependent utility in a dynamic scheduling model (paper #170)</i>	<i>Long-distance charging behaviour and range anxiety: An adaptive choice design approach (paper #105)</i>	<i>Are green flood management strategies preferred by residents of the Northern Territories in Hong Kong: a Stated Preference Approach (paper #197)</i>
	Gabriel Nova, Angelo Guevara Cue and Stephane Hess	Basil Schmid, Joffre Swait, Habtamu T. Kassahun, Michiel C. J. Bliemer, Thomas Schatzmann, Caroline Winkler and Kay W. Axhausen	Yan Feng and Dorine Duives	Ayelet Davidovitch, Rotem Izak, Paul Kishimoto, Anat Tchetchik and Vered Blass	Silvia Ferrini, Gaetano Grilli, Tomas Badura, Alessandra La Notte and Kerry Turner
11:30-12:00	<i>In-depth, Breadth-first or Both? Toward the Development of a RUM-DFT Discrete Choice Model (paper #228)</i>	<i>Endogenous choice set formation model: Implications on willingness-to-pay indicators (paper #93)</i>	<i>Modelling pedestrian route and exit choice in a multi-story building (paper #256)</i>	<i>Modelling Behavior of Consumers Preferences for Alternative Fuel Vehicles and its Energy Demand Implication at the National Level (paper #173)</i>	<i>What is the value of EU habitat and species maintenance policy? From model results to policy uses (paper #127)</i>
	Erlend Dancke Sandorf, Danny Campbell and Caspar Chorus	Nicolas Salvadé, Tom Haering, Janody Pougala, Tim Hillel and Michel Bierlaire	Roderick Zhang and Bilal Farooq	Anant Atul Visaria, Anders Fjendbo Jensen, Mikkel Thorhauge and Stefan Mabit	Keila Meginnis, Nick Hanley, Robert Johnston, Tom Ndebele, Tobias Börger and Ali Siyal
12:00-12:30	<i>Satisficing and a new interpretation of alternative specific constants (paper #41)</i>	<i>Representing mode and location choice within activity-based models (paper #224)</i>	<i>Using Choice Modelling to Develop Interpretable and Actionable Vehicular Greenhouse Gas Emission Prediction at Link-Level (paper #279)</i>	<i>User preferences for EV charging, pricing schemes, and charging infrastructure (paper #247)</i>	<i>Where are pollution reductions most valued? A transboundary choice experiment study for the UK and US (paper #26)</i>
12:30-13:30	Lunch				
	<b>Session 12.A</b>	<b>Session 12.B</b>	<b>Session 12.C</b>	<b>Session 12.D</b>	<b>Session 12.E</b>
	Andrea Pellegrini, Riccardo Scarpa, Ginevra Lombardi and John Rose	Qingyi Wang, Shenhao Wang, Joan Walker and Jinhua Zhao	Sander van Cranenburgh, Jürgen Meyerhoff, Katrin Rehdanz and Andrea Wunsch	Mads Paulsen, Mirosława Lukawska, Thomas Rasmussen and Mogens Fosgerau	Carl Berry and Maria Börjesson
13:30-14:00	<i>A model of recreational demand with non-parametric representations of consumers' heterogeneity: A case study of forest recreation sites in Italy (paper #23)</i>	<i>Deep hybrid model with urban imagery: How to combine demand modeling and autoencoder to analyze travel behavior? (paper #274)</i>	<i>Utility maximisation vs regret minimisation in stated choice experiments: does the design matter? (paper #69)</i>	<i>A link-based bicycle perturbed utility route choice model for Copenhagen (paper #123)</i>	<i>Modelling the joint choice of car ownership and use on income and fuel price: A panel data approach (paper #44)</i>
	Fiore Tinessa, Vittorio Marzano, Fulvio Simonelli and Andrea Papola	Felipe Souza, Cira Pitombo, Gerard de Jong and Luiz Lucas	Mario Becerra and Peter Goos	Adrian Meister, Matteo Felder and Kay W. Axhausen	Arash Kalatian, Fangqing Song, Thomas O. Hancock and Charisma Choudhury
14:00-14:30	<i>Individual posterior evaluations of tastes, mathematical form of disutility, substitution pattern and distribution of random terms with latent class structures (paper #114)</i>	<i>Port choice analysis in Brazil: a comparison between discrete choice models and machine learning algorithms (paper #36)</i>	<i>Bayesian D- and I-optimal designs for choice experiments involving mixtures and process variables (paper #225)</i>	<i>Route choice modelling of cyclists on large-scale networks. (paper #169)</i>	<i>Accounting for the global heterogeneity in attitudes and perceptions towards new alternatives in mode choice models (paper #262)</i>
	Ávaro A. Gutiérrez-Vargas, Michel Meulders and Martina Vandebroek	Giovanni Tuveri, Francesco Piras, Eleonora Sottile and Italo Meloni	Samson Assele, Michel Meulders and Martina Vandebroek	Oliver Becker, Jürgen Meyerhoff and Robert Arlinghaus	Antonin Danalet, Matthias Balmer, Andreas Justen and Nicole A. Mathys
14:30-15:00	<i>On the power of a simple multivariate test for the distribution of random coefficients in logit models (paper #121)</i>	<i>Using discrete choice models and machine learning approaches to compute the value of travel time: a comparative analysis (paper #38)</i>	<i>Sample size calculations for discrete choice experiments using design features (paper #211)</i>	<i>Choice set formation in disaggregated spatial environments: An application to freshwater recreation in Germany (paper #150)</i>	<i>Forecasting home-based telecommuting in 2050 (paper #148, presenting remotely)</i>
	Romain Crastes Dit Sourd	Teodóra Szépl, Sander Van Cranenburgh and Caspar Chorus	Danny Campbell and Erlend Dancke Sandorf	Abhilash Chandra Singh and Aruna Sivakumar	Prateek Bansal and Rubal Dua
15:00-15:30	<i>A new shifted log-normal distribution for mitigating 'exploding' implicit prices in mixed multinomial logit models (paper #153)</i>	<i>Moral profiles in Discrete Choice Models: a Natural Language Processing approach (paper #21)</i>	<i>Statistical efficiency versus plausibility in stated choice designs (paper #17)</i>	<i>Semi-compensatory probabilistic model for residential location choices (paper #191)</i>	<i>Fuel consumption elasticities and feebate effectiveness in India and China (paper #137)</i>
15:30-16:00	break				



	Session 13.A	Session 13.B	Session 13.C	Session 13.D	Session 13.E
16:00-16:30	Jacek Pawlak, Ahmadreza Faghih Imani and Aruna Sivakumar  <b>Modelling the demand side response (DSR) to energy price signals using the MDCEV approach (paper #152)</b>	Bianca Ryseck, Mark Zuidgeest, Roger Behrens and Stephane Hess  <b>Investigating Passenger Information Needs for Hybrid Public Transport Network Journey Planning (paper #33)</b>	Filipe Rodrigues  <b>Scaling Bayesian inference of mixed multinomial logit models to very large datasets (paper #140)</b>	Anna Bartczak, Wiktor Budzinski, Anna Nicińska and Natalia Starzykowska  <b>The valuation of benefits from health risk reduction in three-generation households – the role of reciprocity (paper #214)</b>	Daniel Engler, Gunnar Gutsche and Andreas Ziegler  <b>Is there a hypothetical gap in experiments on the willingness to pay for sustainable funds? (paper #223)</b>
16:30-17:00	Katarzyna Zagórska, Mikołaj Czajkowski, Wojciech Zawadzki, Wiktor Budziński, Błażej Popławski, Olimpia Markiewicz, Bettina Matzdorf, Christoph Schulze, Jens Rommel, Julian Sagebiel, Lenny van Bussel, Matěj Opatrný and Milan Ščasný  <b>Does accounting for discrete-continuous choices matter? A case study of farmers' preferences for practice- vs. result-based agri-environmental-climate measures (paper #90)</b>	Luis A. Guzman, Julián Arellano Ochoa, Victor Cantillo and Olga L. Sarmiento  <b>Evaluating the effects of social capital on travel behaviour: modelling the choice of a new cable car in Bogotá (paper #95)</b>	Pim Labeo, Soora Rasouli and Seheon Kim  <b>Heterogeneity in inter-episode intervals for discretionary activities; covariate- dependent finite-mixture models (paper #222)</b>	Eline Van Den Broek-Altenburg, Jamie Benson and Kristen DeStigter  <b>Patient Preferences for Diagnostic Imaging Services: Blueprint for Value-Based Incentives Incorporating Individual Preference Heterogeneity (paper #177)</b>	Baiba Pudāne, Fatima-Zahra Debbaghi, Maarten Kroesen and Caspar Chorus  <b>Are These Responses Simple or Simplified? Recognising Low Commitment in a Survey on Daily Schedule Changes with Automated Vehicles (paper #167)</b>
17:00-17:30	David Palma, Rodrigo Heldt and Rodrigo Tapia  <b>Estimating customer, product, and brand expected value using multiple discrete-continuous extreme value (MDCEV) models (paper #187)</b>	Andrew Bwambale, Chinebuli Uzundu, Farzana Rahman, Paul Mukwaya, Mohaimanul Islam, Zahara Batool and Zia Wadud  <b>User willingness to pay for COVID-19 mitigation measures in public transport and paratransit in developing economies: Evidence from Uganda and Bangladesh (paper #268)</b>	Thomas O. Hancock, Stephane Hess and Charisma F. Choudhury  <b>Is your model the best? Mitigating risk through averaging across different analysts' competing models. (paper #207)</b>	Sebastian Heidenreich, Myrto Trapali, Tommi Tervonen and Andrea Phillips-Beyer  <b>Two methods one story? Using multidimensional thresholding and a best-worst choice experiment to elicit physicians' preferences for the medical management of subarachnoid haemorrhage (paper #15)</b>	Ewa Zawojcka, Mikołaj Czajkowski and Wiktor Budziński  <b>Using inferred valuation to disentangle cognitive biases in stated-preference discrete choice experiments (paper #111)</b>



**Conference dinner**  
**Wednesday 25 May 2022, 7PM onwards**

***Whales of Iceland***

Fiskislóð 23-25  
101 Reykjavík

