

BNU Workshop on Survey Statistics 2022
Scientific and Social Programme

Monday 22 August

Venue		
		Arrival
Delta Centre Delta lobby Narva Str. 18	16:00–19:30	Registration desk open
Meeting point: Delta lobby	17:00	Guided city walk -- Colours and tales of „Soup Town“, an oldest cozy slum near the very centre of Tartu
Delta Café	19:30	Welcome Party

Tuesday 23 August		
Delta Centre Room 1021	8:00–9:00 9:00–9:15	Registration desk open Opening Imbi Traat (University of Tartu) Chair of Organizing Committee
Room 1021	9:15–10:00	Session 1 Invited lecture Chair Imbi Traat Helle Visk (University of Tartu): Households and dwellings for register-based census: a graph-based approach
	10:00–10:30	Refreshments
Room 1021	10:30–12:00	Session 2 Contributed papers Chair Milda Šličkutė-Šeštokienė Kristi Lehto (Statistics Estonia), Imbi Traat (University of Tartu): Mixed-mode Census survey in Estonia Discussant: Iryna Rozora (Taras Shevchenko National University of Kyiv) (online) Evija Dundure (University of Latvia), Biruta Sloka (University of Latvia): Organisation of survey on financial literacy aspects related to voluntary pension savings and challenges in the realisation of the survey Discussant: Anastasiia Volkova (University of Helsinki) Kaja Sõstra (Statistics Estonia): Compilation of activity status and employment variables in Estonian register-based census Discussant: Tomas Rudys (Statistics Lithuania)
Room 1021	12:00–12:45	Session 3 Invited lecture Chair Andrius Čiginas Henri Luomaranta (Statistics Finland): Nowcasting with STS surveys: the Machine Learning approach (abstract) and paper
	12:45–14:00	Lunch
Room 1021	14:00–14:45	Session 4 Invited lecture Chair Maria Valaste Baiba Zukula (Statistics Latvia), Jānis Jukāms (Statistics Latvia): The Population Census 2021 in Latvia
	14:45–15:00	Break
Room 1021	15:00–16:30	Session 5 Keynote lecture Chair Risto Lehtonen Jean-François Beaumont (Statistics Canada): Making inferences from non-probability samples through data integration (online)
	16:30–17:00	Refreshments
Room 1021	17:00–17:45	Session 6 Invited lecture Chair Vilma Nekrašaitė-Liegė Luis Castro-Martín (Andalusian School of Public Health), María del Mar Rueda (University of Granada), Carmen Sánchez-Cantalejo (Andalusian School of Public Health), Ramón Ferri-García (speaker) (University of Granada), Jorge Hidalgo Calderón (University of Granada), Andrés Cabrera (Andalusian School of Public Health): Reweighting with machine learning techniques in panel surveys. Application to the Health Care and Social Survey
Room 1021	17:45–18:15	Milda Šličkutė-Šeštokienė (Statistics Lithuania): Register-based Census, Lithuania Discussant: Jānis Jukāms (Central Statistical Bureau of Latvia)

Wednesday 24 August		
Room 1021	9:00–9:45	<p>Session 7 Keynote lecture Chair Danutė Krapavickaitė</p> <p>María del Mar Rueda (University of Granada), Ramón Ferri-García (speaker) (University of Granada): Non-probability surveys: a revision of methods for inference</p>
	9:45–10:15	Refreshments
Room 1021	10:15–11:45	<p>Session 8 Contributed papers Chair Krista Lagus</p> <p>Ieva Burakauskaitė (Statistics Lithuania), Andrius Čiginas (Statistics Lithuania and Vilnius University): Non-probability sample integration in the survey of Lithuanian census</p> <p>Discussant: Markus Gintas Šova (Office for National Statistics, UK) (online)</p> <p>Vilma Nekrašaitė-Liegė (Statistics Lithuania and Vilnius Gediminas Technical University), Andrius Čiginas (Statistics Lithuania and Vilnius University), Danutė Krapavickaitė (Vilnius Gediminas Technical University): Usage of non-probability sample and scraped data to estimate proportions</p> <p>Discussant: Tetiana Ianevych (Taras Shevchenko National University of Kyiv) (online)</p> <p>Andrii Dzhoha (Taras Shevchenko National University of Kyiv), Iryna Rozora (Taras Shevchenko National University of Kyiv): Sequential resource allocation under multi-armed bandit model with online clustering as side information (online)</p> <p>Discussant: Helle Visk (University of Tartu)</p>
Room 1021	11:45–12:30	<p>Session 9 Invited lecture Chair Tomas Rudys</p> <p>Beatriz Cobo (University of Granada), María del Mar Rueda (University of Granada), S. Pasadas (Institute for Advanced Social Studies, Spain), Luis Castro-Martín (Andalusian School of Public Health), Ramón Ferri-García (University of Granada): Estimation methods for integrating probability and non-probability survey samples (online)</p>
	12:30–13:45	GROUP PHOTO Lunch
Delta Centre Room 2004	13:45–15:45	<p>Session 10 PC training session</p> <p>Instructor: Luis Castro-Martín (University of Granada) Estimation methods for integrating probability and non-probability survey samples</p> <p>NonProbEst The R package NonProbEst for estimation in non-probability surveys by M. Rueda, R. Ferri-García, L. Castro</p>
	15:45–16:15	Refreshments
Meeting point: ERM lobby	16:45	Guided tour: ERM -- The Estonian National Museum

Thursday 25 August		
Room 1021	9:00–9:45	Session 11 Invited lecture Chair Baiba Zukula Oleksandr Gladun (Ptoukha Institute for Demography and Social Studies of the National Academy of Sciences of Ukraine): Censuses in Ukraine: past and perspective
	9:45–10:15	Refreshments
Room 1021	10:15–11:45	Session 12A Contributed papers Chair Ieva Burakauskaitė Ruslana Moskotina (Taras Shevchenko National University of Kyiv), Mykola Sydorov (Taras Shevchenko National University of Kyiv): The relationship between the number of reminders and the proportion of full responses in online surveys (online) Discussant: Maria Litova, (University of Helsinki) Ovidijus Baškauskas (Vilnius Gediminas Technical University), Danutė Krapavickaitė (Vilnius Gediminas Technical University): Estimation of Income Inequality Indicators Discussant: Evija Dundure (University of Latvia) Yana Bondarenko (Oles Honchar Dnipro National University): Statistical Analysis with Missing Data (online) Discussant: Andris Fisenko (Bank of Latvia)
Room 1007	10:15–11:45	Session 12B Contributed papers Chair Kaja Sõstra Biruta Sloka (University of Latvia): Teaching aspects on surveys, on questionnaire design, on pilot survey, on sample selection and data collection using QuestionPro and obtained data analysis with SPSS Discussant: Katja Laine (University of Helsinki) Ilze Brante (University of Latvia) and Biruta Sloka (University of Latvia): Organisation and realisation of survey by different stakeholders (entrepreneurs, educators, students and public administrators) on work-based learning Discussant: Tuukka Oikarinen (University of Helsinki) Rita Vanaga (University of Latvia) and Biruta Sloka (University of Latvia): Challenges for real survey development and organisation Discussant: Anastasiia Volkova (University of Helsinki)
Room 1021	11:45–12:30	Session 13 Invited lecture Chair Vilma Nekrašaitė-Liegė Jacek Białek (University of Lodz): Scanner data – advantages, challenges, and their processing in the PriceIndices package (online)
	12:30–13:45	Lunch
Room 1021	13:45–14:15	EXTRA: Li-Chun Zhang (University of Southampton; Statistics Norway; University of Oslo): Introduction to the book "Graph Sampling"
Room 1021	14:15–15:00	Session 14 Invited lecture Chair Jānis Jukāms Andrius Čiginas (Vilnius University): On design-based small area estimation
	15:00–15:30	Refreshments

Room 1021	15:30–16:15	Session 15 Keynote lecture Chair Imbi Traat Carl-Erik Särndal (Sweden): Progress in survey science, yesterday, today, tomorrow
Room 1021	16:15–16:30	Carl-Erik Särndal: Tribute to close associates no longer with us: Jean-Claude Deville, Jan Wretman
	16:30–16:45	Break
Room 1021	16:45–18:00	Session 16 Round Table Topic: "Model-Assisted Estimation and Calibration Methods in Survey and Official Statistics Yesterday, Today and in the Future" Moderator Risto Lehtonen Panelists: Carl-Erik Särndal, Li-Chun Zhang, Imbi Traat, Danutė Krapavickaitė, Kaja Söstra, Baiba Zukula The year 2022 is the 30th Anniversary of two milestone sources in survey statistics, <i>Model-Assisted Survey Sampling</i> by Carl-Erik Särndal, Bengt Swensson and Jan Wretman (Springer, 1992) and <i>Calibration Estimators in Survey Sampling</i> by Jean-Claude Deville and Carl-Erik Särndal (JASA, 1992). The session is organized to acknowledge the major impact of these approaches on survey statistics methodology, and especially on official statistics practice. The aim is to share experiences and future views on the methodologies in the various operating environments of the panelists and the audience.
	19:00–21:00	Farewell Party – Restoran Vilde ja Vine https://vilde.ee/gb/

Friday 26 August		
Room 1021	9:00–9:45	Session 17 Keynote lecture Chair Biruta Sloka Li-Chun Zhang (University of Southampton; Statistics Norway; University of Oslo): Transforming population statistics: From census to fractional counting
	9:45–10:15	Refreshments
Room 1021	10:15–11:45	Session 18A Contributed papers Chair Risto Lehtonen Donatas Šlevinskas (Vilnius Gediminas Technical University): StatVillage homework Discussant: Ilze Brante (University of Latvia) Sigita Purona-Sida (University of Latvia, Central Statistical Bureau of Latvia): Challenges and solutions to maintaining survey response rates in Social Statistics Discussant: Milda Šličkutė-Šeštokienė Risto Lehtonen (University of Helsinki), Ari Veijanen (University of Helsinki): Model calibration and MRP methods for small area estimation: an empirical comparison Discussant: Ovidijus Baškauskas (Vilnius Gediminas Technical University)
Room 1007	10:15–11:15	Session 18B Contributed papers Chair Maria Valaste Andris Fisenko (Latvijas Banka): Using administrative data to clarify and adjust economic survey data: The case of Latvian HFCS Discussant: Olga Vasylyk (National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”) (online) Katja Laine (University of Helsinki), Maria Litova (University of Helsinki), Tuukka Oikarinen (University of Helsinki): Crowdsourcing social wellbeing non-probability survey Discussant: Rita Vanaga (University of Latvia)
Room 1021	11:45–12:00	Closing