



Conference Programme

Monday, 15 June 2026

Time	Activity
13:00–17:30	Registration (Conference Desk Open)
13:30–15:30	Short Course: Entity resolution – Slot A Instructor: Ted Enamorado, Washington University in St Louis, USA
15:30–16:00	Coffee break
16:00–18:00	Short Course: Entity resolution – Slot B Instructor: Ted Enamorado
18:00–19:00	Welcome Reception / Networking

Tuesday, 16 June 2026

Time	Activity
08:00–12:00	Registration (Conference Desk Open)
09:00–10:00	Welcome ceremony
10:00–11:00	Keynote Lecture 1: Isabel Molina, Chair: Partha Lahiri <i>Title: Conciliation: the key to success in small area estimation</i>
11:00–12:30	IS1: Advances in robust inference for small area estimation Organizer/chair: David Haziza, Chair: Marius Stefan <i>Monica Pratesi: Integrating big data and alternative sources into small area estimation for poverty estimation</i> <i>Haiqiang Ma: Double robust small area estimation</i> <i>Li-Chun Zhang: Approximately conformal shrinkage interval for small area estimation</i>
11:00–12:30	IS2: Contributions to model-based small area estimation Organizer/chair: Domingo Morales <i>María Bugallo: Generalized M-Quantile small area estimation under working models</i> <i>Esteban Cabello: Shapley value-based variable selection for Fay-Herriot models</i> <i>Alexandro Aneiros-Batista: Divide and conquer strategy for multivariate Fay-Herriot models</i>
11:00–12:30	Contributed Session 1 Chair: Serena Arima <i>Poonam Singh: Small area estimation under nonlinear relationships between study and auxiliary variables</i> <i>Ika Yuni Wulansari: Small area estimation with covariate measurement error: unit-level empirical best prediction under a finite population framework</i> <i>Yuki Kawakubo: Bayesian estimation of income distributions and inequality across subpopulations via multilevel lognormal mixtures</i>



Small Area Estimation Conference (SAE 2026)

15–19 June 2026, sae2026.faa.ro

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Time	Activity
12:30–14:00	Lunch break
14:00–15:30	IS3: New developments in small area estimation Organizer: Gauri S. Datta, Chair: Scott Holan <i>Malay Ghosh</i> : Bias corrected variance stabilizing transformation for small area estimation <i>Yajuan Si</i> : Considerations for fitting unit-level generalized linear mixed effects models to complex survey data in small area estimation <i>Eric Slud</i> : Bias asymptotics for estimating-equation solutions, with application to the Fay-Herriot SAE model
14:00–15:30	Contributed Session 2 Chair: María José Lombardía <i>Domingo Morales</i> : Small area estimation of employment indicators under area-level Dirichlet mixed models <i>Yegnanew A. Shiferaw</i> : Estimating poverty incidence, gap, and severity in South Africa using a unit-level GLMM approach <i>Jacques Saliba</i> : Small area estimation illustrated by its application to the cantonal poverty rate in Switzerland
14:00–15:30	Contributed Session 3 Chair: Christopher K. Wikle <i>Abbas Ali</i> : Small area estimation of fertility rates for Pakistan <i>Julie Gershunskaya</i> : Incorporating industry dependence into small domain estimation modeling for employment <i>Ioannis B. Nikolaidis</i> : Bayesian small area estimation of continuous survey outcomes: methodology and application
16:30–17:30	Guided tour of Palace of Parliament



Wednesday, 17 June 2026

Time	Activity
08:00–12:00	Registration (Conference Desk Open)
9:00–10:30	IS4: Recent Approaches in Neural Methods and Spatial Modeling for Small Area Estimation and Synthetic Population Generation Organizer: Scott H. Holan, Chair: Gauri Datta <i>Christopher K. Wikle</i> : A Variational Bayesian neural diffusion approach for synthetic population generation and hierarchical downscaling <i>Daniel Vedensky</i> : Small area estimation of wealth quantiles over time, a Bayesian unit-level modeling approach <i>Scott H. Holan</i> : Variational autoencoded multivariate spatial Fay-Herriot models
9:00–10:30	IS5: New advances in small area estimation and the analysis of longitudinal data Organizer: Thuan Nguyen, Chair: Jiming Jiang <i>Carolina Franco</i> : Continuation ratio bridging models for local estimation of dementia prevalence <i>Naomi Diz Rosales</i> : A random slopes two-fold Fay-Herriot model for small area income estimation <i>Thuan Nnguyen</i> : A random-effects approach to generalized linear mixed model analysis of incomplete longitudinal data
9:00–10:30	Contributed Session 4 Chair: Yuki Kawakubo <i>Sonja Stiebahl</i> : Estimating disease prevalence at local level <i>Adrien Allorant, Li-Chun Zhang</i> : Calibrating routine HIV testing data for subnational surveillance: a non-probability sampling framework applied across four African countries
10:30–11:00	Coffee break
11:00–12:00	Keynote Lecture 2: Gauri Datta, Chair: Malay Ghosh <i>Title</i> : A Bayesian framework for multi-goals small area inference: estimation, ranking and benchmarking
12:00–14:00	Lunch break
14:00–15:30	IS6: Small area statistics with multiscale data Organizer/chair: Sanjay Chaudhuri <i>Snigdhasu Chatterjee</i> : A Bayesian Approach to Produce Subnational Population Estimates Using a Population Base Statistical Register <i>Jairo A Fuquene Patino</i> : Improving small area estimation through robust prior specification <i>Sanjay Chaudhuri</i> : Empirical Likelihood-based Methods for Multiscale Data Integration



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14:00–15:30	IS7: Innovations in small area estimation for modern data challenges Organizer: Mahmoud Torabi, Chair: Gauri Datta <i>Jiming Jiang</i> : Post-2024 U.S. presidential election analysis: real-life validation of prediction via small area estimation and uncertainty quantification <i>Serena Arima</i> : Small area models for proportions: an area-level EFD model <i>Anindya Roy</i> : Benchmarking priors: A fully Bayesian approach to small area benchmarking
14:00–15:30	Contributed Session 5 Chair: Jan van den Brakel <i>Andrius Čiginas</i> : Small area estimation from a large nonprobability sample with varying domain coverage <i>Isabel Buchanan</i> : Meeting the needs of Members of Parliament for small area statistics on welfare benefits <i>Elliot Bridges</i> : Publishing data on named people
15:30–16:00	Coffee break
16:00–17:30	IS8: Time series methods for official statistics Organizer: Jan van den Brakel, Chair: An-Chiao Liu <i>Harm Jan Boonstra</i> : Trend estimates for a detailed breakdown of mobility indicators <i>M.L.J. Peerlings</i> : Time series area level model for the Dutch Safety Monitor <i>Jan van den Brakel</i> : Dynamic synchronized models for national accounts data
16:00–17:30	IS9: Advances in small area estimation of poverty and socioeconomic indicators using integrated and high-dimensional models Organizer/chair: Angelo Cozzubo <i>Guilherme Anthony Pinheiro Jacob</i> : An integrated approach to quarterly small area estimation of extreme poverty and design-effects in Brazil using Beta-binomial Models <i>Yuting Chen</i> : Empirical best prediction of poverty indicators via nested error regression with high dimensional parameters <i>Srijeeta Mitra</i> : An integrated modelling framework for estimating wealth index for small geographical areas
16:00–17:30	Contributed Session 6 Chair: María Bugallo <i>Nicolás Ramírez Vargas</i> : Estimation of the average number of trips per household at the neighborhood level in Bogotá using data integration methods and small area estimation <i>Felipe Ortiz</i> : Estimation of design mean squared error under a unit level model in small area estimation <i>William Acero</i> : Pseudo empirical best prediction of multiple characteristics in small areas



Thursday, 18 June 2026

Time	Activity
08:00–12:00	Registration (Conference Desk Open)
9:00–10:30	IS10: Small area estimation for poverty: new data sources and advanced modeling Organizer: Nicola Salvati, Chair: Carolina Franco <i>Caleb Leedy</i> : Small area estimation with machine learning algorithms <i>Stefano Marchetti</i> : Emerging Dimension of Poverty: Transport Affordability at Local Level in Italy using SAE <i>Partha Lahiri</i> : Empirical best prediction of poverty indicators using nested error regression with high-dimensional parameters
9:00–10:30	IS11: Inference on small area parameters from probability and non-probability samples Organizer: Marius Stefan, Chair: Isabel Molina <i>Danny Pfeffermann</i> : Small area estimation based on nonprobability samples <i>J.N.K. Rao</i> : Robust empirical best estimation of complex small area parameters under unit level nested error linear regression models <i>Marius Stefan</i> : Design mean square error estimation for small area means under unit-level models
9:00–10:30	Contributed Session 7 Chair: Emily Berg <i>Yves Thibaudeau</i> : Algebraic dimensional reduction for latent-class models applied to record linkage <i>An-Chiao Liu</i> : Domain estimation from weighted nonprobability samples <i>Luciano Perfetti Villa</i> : On the use of geospatial data in small area estimation: Data integration, model specification and intercensal updating
10:30–11:00	Coffee break
11:00–12:00	Keynote Lecture 3: Cristina-Rodica Boboc, Chair: Valentina Vasile <i>Title</i> : Small area estimation for measuring skill mismatch in the labour market: new data, models, and policy applications
12:00–14:00	Lunch break
14:00–15:30	IS12: Modern advances in surveys and small area statistics Organizer/chair: Ansu Chatterjee <i>Angelo Cozubbo</i> : Survey response in a census year: evidence from a natural experiment in Peru <i>Lorenzo Mori</i> : Inference in small area estimation: a generative framework via the implicit bootstrap <i>Fabrizio Solari</i> : Bayesian Small Area Estimation for Categorical Data: an Application to Official Statistics
14:00–15:30	IS13: Data challenges in small area estimation



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	Organizer/chair: Silvia Pacei <i>Aldo Gardini</i> : A two-part small area model that accounts for heaping to map smoke habits <i>Chiara Bocci</i> : An evaluation of data driven tuning constants in the Huber functions for robust small area estimation <i>Andrea Fasulo</i> : Development of small area estimation methods for labour force indicators at LLMA Level in ISTAT
14:00–15:30	IS14: Overcoming data deficits: innovative inference under missingness and bias Organizer: Zhengyuan Zhu, Chair: Caleb Leedy <i>Zhonglei Wang</i> : Calibrated active learning <i>Emily Berg</i> : An imputation based approach to small area estimation for nonlinear models in the presence of partial auxiliary information <i>Zhengyuan Zhu</i> : Downscaling public-use microdata for small area estimation via calibration and population synthesis
15:30–17:00	IS15: Producing model-based estimates for official statistics Organizer/chair: Julie Gershunskaya <i>Vladislav Beresovsky</i> : Efficient estimation of response propensity to nonprobability survey partially linked to a probability sample from the same population <i>Terrance Savitsky</i> : Privacy amplification for synthetic data using range restriction <i>Kate Eckerle</i> : Echo state network forecast model for preliminary estimation of the chained CPI-U
15:30–17:00	IS16: Poverty mapping through small area estimation: experiences from collaboration between national statistical offices and the World Bank Organizer: Marcin Szymkowiak, Chair: Isabel Molina <i>Marcin Szymkowiak</i> : Mapping poverty at the level of subregions in Poland using multivariate Fay-Herriot models <i>Eva Romero Ramos</i> : Comparable small area estimates over time: Application with SILC data from Bulgaria
15:30–16:00	Coffee break
17:00–17:30	Closing Ceremony Organizers/chairs: Ana Maria Ciuhu, Domingo Morales



Friday, 19 June 2026

Time	Activity
9:00–11:00	Registration (Conference Desk Open)
9:00–11:00	Short Course: Bayesian small area estimation, with an emphasis on low- and middle-income countries – Slot A Instructor: Jon Wakefield, University of Washington. USA
11:00–11:30	Coffee break
11:30–13:30	Short Course: Bayesian small area estimation, with an emphasis on low- and middle-income countries – Slot B Instructor: Jon Wakefield



Invited Sessions (titles confirmed)

Use the codes IS1–IS15 in the daily timetable above (and assign rooms/chairs later).

Code	Invited Session Title
IS1	Advances in robust inference for small area estimation
IS2	Contributions to model-based small area estimation
IS3	New developments in small area estimation
IS4	Recent approaches in neural methods and spatial modeling for small area estimation and synthetic population generation
IS5	New advances in small area estimation and the analysis of longitudinal data
IS6	Small area statistics with multiscale data
IS7	Innovations in small area estimation for modern data challenges
IS8	Time series methods for official statistics
IS9	Advances in small area estimation of poverty and socioeconomic indicators using integrated and high-dimensional models
IS10	Small area estimation for poverty: new data sources and advanced modeling
IS11	Inference on small area parameters from probability and non-probability samples
IS12	Modern advances in surveys and small area statistics
IS13	Data challenges in small area estimation
IS14	Overcoming data deficits: innovative inference under missingness and bias
IS15	Producing model-based estimates for official statistics
IS16	Poverty mapping through small area estimation: experiences from collaboration between national statistical offices and the World Bank

Venue

University of Bucharest, Faculty of Administration and Business

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