Bilbao, 24-27 September 2019

Sponsored by:

Endorsed by:

Programme

Draft version, 6 August 2019

TUESDAY, 24 September 2019

Three parallel short courses (registration open by July 31, 2019):

- Topics in Business Data Collection Methodology: On web questionnaire design and response enhancement by Ger Snijkers and Gustav Haraldsen
- Statistical Data Cleaning for Business Statistics with R by Mark van der Loo
- Machine Learning by José L. Cervera-Ferri

WEDNESDAY, 25 September 2019

S0 9:00 **Welcome & practicalities**

S1 9:15 **Sampling, estimation, validation**
Chair: Paul Smith

Thomas Zimmermann	*Re-designing the mix-model of the German survey on short term statistics in the trade and service sector*
Haritz Olaeta	*Multi domain estimation for the Survey on the Information Society - Companies*
Fabiana Rocci	*Data validation in the Italian integrated business statistics system SINTESI*

	10:30	**Break**

S2   **11:00**   **Questionnaire design**
Chair: Gustav Haraldsen

Xabier Irastorza	*An international establishment survey on health and safety at work - Main challenges and opportunities. Evidence from ESENER (European Survey of Enterprises on New and Emerging Risks)*
Laura Requena	*Measuring the Service Sector*
Ger Snijkers	*Questionnaire communication to collect financial data from large non-financial enterprises - 2: The field experience*

S3   **12:15**   **Panel session on intangibles**
Moderator: Mojca Bavdaž

Mojca Bavdaž	*Introductory overview*
Craig McLaren Giulio Perani, Janez Prašnikar	*Panelists*

	13:15	**Lunch break**

S4   **14:15**   **New perspectives in establishment statistics**
Chair: Boris Lorenc

Aureo de Paula	*Leveraging Firm-to-Firm Transactions Data for the Estimation of Production Functions*
Gert Buiten	*A methodology for estimating the Dutch interfirm trade network, including a breakdown by commodity*
Paul Smith	*The uses of longitudinal methods in business surveys*

	15:30	**Break**

S5   **16:00**   **Data collection**
Chair: Ger Snijkers

Laura Šuštar Kožuh	*The cost of electronic data transmission*
Francesca Monetti	*Centralised data collection: effects of a new administrative penalties provision procedure in business short-term surveys*
Loredana De Gaetano	*Centralised Data Collection implementation: effects on reduction of Total Survey Error and on statistical output quality assessment*

	17:00	**End of the day for the scientific programme**

17:00 Evening Reception

THURSDAY, 26 September 2019

S6	9:00	**Sampling design**
		Chair: Thomas Zimmermann

		Arnaud Fizzala	*How to deal with the changes of composition of enterprises*
		Julia Manecke	*Correction of Frame Errors in Business Surveys*

S7a	9:50	**Speed session**
		Chair: Gary Brown

		Mark van der Loo	*Application of generic data validation methodology to Short Term Statistics*
		Bilal Kurban	*Validation of the Structure and Integrity of Administrative Data in TurkStat*
		Marina Enguídanos Weyler	*Use of administrative data for the development of the business and establishment register in Andalucía (Spain) and its projection in the territory*
		Elena Rosa-Perez	*Using metadata in the statistical production process to communicate quality*
		Florian Dumpert	*Machine Learning in Official Statistics*
		Javier San Vicente	*Web Scraping for Hotel Average Daily Rate Estimation*
		Saeed Fayyaz	*Improving the quality of official statistics in Iran's Manufacturing Establishments Statistics*

S7b	10:25	**Break with posters**

S7c	11:00	**Discussion of poster topics in the main room**
		Chair: Gary Brown

S8	11:20	**Communication strategies**
		Chair: Mojca Bavdaž

		Paulo Saraiva	*Tailoring Communication in Business Surveys*
		Eva Belak	*Communication Strategy in the monthly Business Tendency Survey*
		Gary Brown	*Stopping Adaptive Design - a SAD story?*
		Joshua Langeland	*A Series of Experiments with Emails in Establishment Surveys*

	13:00	**Lunch break**

S9a	14:00	**Small-group discussions**

S9b	14:40	**Report from small group discussions**

	15:00	**Break with posters**

S10	**15:30**	**Machine learning**	
		Chair: Arnout van Delden	
		Türknur Brand	*Interpretation of "Remain Unchanged" Answers in Business Surveys in comparison to Administrative Data*
		Elena Goni	*Tree-Based Models for Imputation in Services Survey*
		Wesley Yung	*Use of Machine Learning for Economic Statistics at Statistics Canada*
		Giacomo Caterini	*Classifying Firms with Text Mining*

17:10	**End of the day for the scientific programme**

17:15 – 17:50 ENBES general meeting
Chair: Boris Lorenc

18:00 – 19:30 Guided tour of the Guggenheim Museum

cca 21:00 Informal dinner gathering

FRIDAY, 27 September 2019

S11	**9:00**	**Administrative data**	
		Chair: Wesley Yung	
		Antonio Martinez	*An innovative 2020 agricultural census in Spain*
		Daniela Ravindra	*Making best use of administrative and alternative data at Statistics Canada*
		Agnes Andics	*Challenges in using administrative cash register data in retail trade statistics*
		Craig McLaren	*Use of administrative data in the production of short-term economic indicators*
	10:40	**Break**	

S12	**11:10**	**Alternative data sources**	
		Chair: Fernando Tusell	
		Arnout van Delden	*URL finding of business websites*
		Daniel Ayoubkhani	*Using statistical distributions to estimate weights for web-scraped data in the UK Consumer Prices Index*
		Andrew Sutton	*Faster indicators of UK economic activity*

S13	**12:25**	**Closing session**	
		Chair: Boris Lorenc	
	13:00	**Workshop closes**	