



EUROPEAN CONFERENCE ON
QUALITY IN OFFICIAL STATISTICS

2022 VILNIUS



PROGRAMME

Vilnius, Lithuania

7–10 June 2022

Welcome to Q2022 Conference

Dear colleagues,

Statistics Lithuania and Eurostat are pleased to welcome you to the European Conference on Quality in Official Statistics Q2022, held in Vilnius on 8–10 June 2022. The event is preceded by a series of training courses on 7 June (one-day training courses on quality management, the role of statistics in the era of Big Data and in a future society, innovation and modernisation practices, as well as data journalism and data visualisation).

The Q2022 conference is the tenth consecutive quality conference involving the international statistical community.

The conference aims to bring together statisticians, academics and stakeholders to reinforce the dissemination of knowledge and recent research on emerging questions related to quality in official statistics. Furthermore, the conference aspires to foster cooperation between users and producers, to enhance cooperation and exchange between official statistics and the scientific community, and to provide a forum for the exchange of good practice in meeting new challenges in official statistics.

The event will also focus on the institutional challenges of quality management, quality assurance in the emerging data ecosystem, and new challenges in creating and maintaining trust among users, as well as new opportunities in the face of global crises. This conference should also draw the attention of governmental bodies to the importance of high-quality, timely and more detailed statistics, and increase awareness among other stakeholders of the challenges faced by producers of official statistics, especially in times of crisis.

This event will benefit from sharing your ideas and discussions on topical issues for the benefit of all the statistical family.

Dr. Jūratė Petrauskienė
Director General of Statistics Lithuania

Dr. Mariana Kotzeva
Director General of Eurostat

Scientific Committee

Dr. Mariana Kotzeva, *Co-Chair, Director General, Eurostat*
Dr. Jūratė Petrauskienė, *Co-Chair, Director General, Statistics Lithuania*
Dr. Dominik Rozkrut, *President, Statistics Poland*
Jean-Pierre Poncelet, *Acting Director of Directorate B: Standards; Dissemination; Cooperation in the European Statistical System, Eurostat*
Dr. Gabriela Vukovich, *President of Hungarian Central Statistical Office*
Dr. Aurel Schubert, *Chair of ESGAB*
Dr. Biruta Sloka, *ESAC*
Dr. Silke Stapel-Weber, *Director General for Statistics, ECB*
Steven Vale, *Regional Adviser in Statistics at the UNECE*
Dr. Misha Belkindas, *President of IAOS*
Dr. Kazimieras Padvelskis, *Associate Professor at Vilnius Gediminas Technical University*

Programme Committee

Claudia Junker, *Co-Chair, Eurostat*
Dr. Inga Masiulaitytė-Šukevič, *Co-Chair, Statistics Lithuania*
Dr. Jean-Marc Museaux, *Eurostat*
Véronique van der Zande, *Eurostat*
Dr. Vilma Nekrašaitė-Liegė, *Statistics Lithuania*
Thomas Burg, *Statistics Austria*
Monika Bieniek, *Statistics Poland*
Kornélia Mag, *Hungarian Central Statistical Office*
Giorgia Simeoni, *ISTAT*
Maria João Zilhao, *Statistics Portugal*
Dr. Audronė Jakaitienė, *ESAC*
Dr. Gindra Kasnauskienė, *Professor at Vilnius University*
Dr. Domantas Jasilionis, *Max Planck Institute for Demographic Research*
Remi Prual, *Estonian Quality Association*

Key speakers

Dr. Dominik Rozkrut, *President of Statistics Poland*
Anil Arora, *Chief statistician of Statistics Canada*

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General information

DATES AND VENUE

Training courses:	7 June, 2022
Q2022 Conference:	8–10 June, 2022
Venue:	Radisson Blu Hotel Lietuva
Address:	Konstitucijos ave. 20

REGISTRATION / INFORMATION DESK

The Registration / Information Desk is located on the venue's Lobby.

Office hours:	
8 June, 2022	7:30–20:00
9 June, 2022	8:00–18:00
10 June, 2022	7:30–15:00

THE CONFERENCE OFFICE

The Conference Office is located on the venue's Lobby in RHO room. Each speaker and chairman can use technical support and check presentations or upload a possible newest version of presentation in the morning before the conference, but no later than one hour ahead of their session.

Office hours:	
8 June, 2022	7:30–20:00
9 June, 2022	8:00–18:00
10 June, 2022	7:30–15:00

INTERNET CONNECTION

Free Wi-Fi access is available at Radisson Blu Hotel Lietuva.

SOCIAL EVENTS

Welcome Reception

Wednesday, 8 June, 2022

Time: 19:30–22:30

All participants and registered accompanying persons are invited to attend the welcome reception at the conference venue's Lobby, Radisson Blu Hotel Lietuva.

Please, do not forget to take your Invitation with you.

Official Conference dinner

Thursday, 9 June, 2022

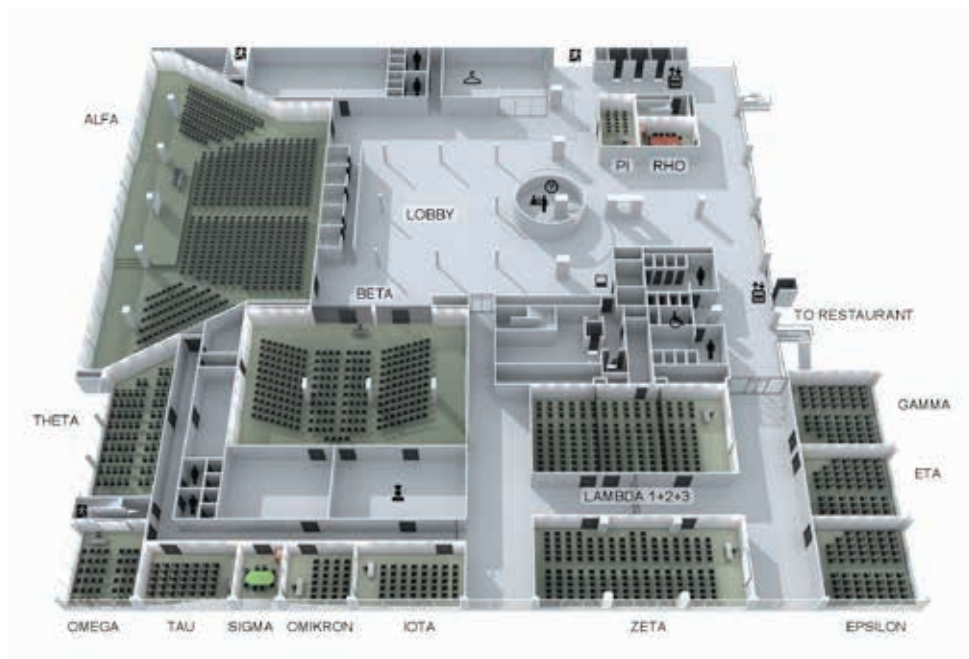
Time: 19:00–23:30

Registered participants, guests and accompanying persons are welcome to the official Conference dinner in the Palace of the Grand Dukes of Lithuania, Renaissance great hall (address: Katedros sq. 4).

The dinner will be preceded by a short excursion (in groups) around the Palace starting at 19:00 (duration about 1 hour).

Please, do not forget to take your Invitation with you.

CONFERENCE VENUE PLAN



Programme at a glance

TRAINING PROGRAMME AT A GLANCE

Tuesday, 7 June, 2022

QUALITY MANAGEMENT IN OFFICIAL STATISTICS AND LEAN TRANSFORMATION.

Mr Remi Prual (Estonia)



STATISTICS IN THE ERA OF BIG DATA.

Prof. Audronė Jakaitienė (Lithuania)



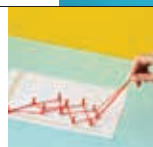
A JOB IN OFFICIAL STATISTICS IS LIKE WORKING FOR GOOGLE AND CNN AT THE SAME TIME!

Mr Marcel van der Steen, Mr Thomas Ruigrok (Netherlands)



STORYTELLING WITH STATISTICS: LEARNING FROM DATA JOURNALISM AND DATA VISUALIZATION.

Mr Theo Jolliffe, Mr Frank Donnarumma (United Kingdom)



	ETA	GAMMA	OMEGA	EPSILON
8:30–9:30	TRAINING COURSES REGISTRATION			
	Training Course 1 Statistics in the era of Big Data Trainer: Prof. Audronė Jakaitienė	Training Course 2 Quality Management in Official Statistics and Lean Transformation Trainer: Remi Prual	Training Course 3 A job in official Statistics is like working for Google and CNN at the same time! Trainers: Marcel van der Steen, Thomas Ruigrok	Training Course 4 Storytelling with statistics: learning from data journalism and data visualization Trainers: Theo Jolliffe, Frank Donnarumma
MORNING SESSION				
9:30–9:45	Welcome. Course objectives and structure	Welcoming and introduction Course objectives and structure Participants and expectations	Introduction of the lecturers and explanation and description of today's course	Introducing Theo and Frank, discuss the objectives for the day
9:45–11:00	Big Data. What is it? Why does it matter for statistics?	Definition of quality and quality in statistics -Concepts and definitions -Evolution of quality management and quality in statistical production Quality in the European Statistical System (ESS)	Vision on the future – How to increase the impact of statistics for the society (30) Getting your statistics in the news every day by using a Newsroom. How to use a Newsroom and what is the underlying vision and strategy? DISCUSSION	Understanding user types and choosing the right chart -Thinking about your content through the eyes of your reader. Some truths about statistical literacy among everyday people and how this should impact on how we talk about and visualize statistics

	ETA	GAMMA	OMEGA	EPSILON
		<ul style="list-style-type: none"> -ESS legal framework and quality criteria -ESS Common Quality Framework -European Statistics Code of Practice -ESS Quality Assurance Framework -Compliance assessment Quality frameworks and standards -Quality frameworks for statistical production -General quality frameworks -Standards for statistical production 		<ul style="list-style-type: none"> -Learning to use charts as editorial devices. <p>How to extract stories from data and illustrate them effectively.</p> <p>Tips on picking the chart type that will best exhibit your data</p>
11:00–11:30	COFFEE BREAK			
11:30–13:00	<p>Education Data for Science. How much do we measure? How much do we use for policy analysis? Case study of Lithuania. GROUP WORK.</p>	<p>11:30–12:15</p> <p>Lean management</p> <ul style="list-style-type: none"> -Concepts and definitions -Principles and approaches -Kaizen, PDCA, DMAIC, Six Sigma -Voice of the customer -Value stream mapping -Examples of good practices <p>12:15–13:00</p> <p>Group work 1: Quality in production</p>	<p>What is Innovation? Definition and innovation types. Drivers for Innovation. Innovation within Government Institutes. Open Innovation and Co-creation. Management of Innovation.</p> <p>DISCUSSION</p>	<p>Critiquing and improving existing charts</p> <p>Practical exercises;</p> <ul style="list-style-type: none"> -The visual vocabulary: Thinking about charts in terms of the statistical relationships they describe -What would you do: Critiquing some published charts and putting the morning's lessons into practice by creating your own improved versions

	ETA	GAMMA	OMEGA	EPSILON
13:00–14:00	LUNCH BREAK Riverside Restaurant (Radisson Blu Hotel Lietuva)			
AFTERNOON SESSION				
14:00–15:30	Presentation of group work. DISCUSSION.	14:00–14:30 Group work 1: DISCUSSIONS 14:30–15:00 Lean tools and techniques -Waste elimination -Capabilities -Daily instruments: Kanban, Takt, 5S, JIT, Jidoka etc -Examples of good practices -Technical solutions 15:00–15:30 Group work 2: Quality improvement action plan	Innovation at CBS. Examples in practice. Communication on innovation. How to use social media as a successful tool in the strategy of dissemination. Using three kinds of content: Hygiene, Hub and Hero (3 H-s).	Applying the principles of journalism to writing about statistics -Understanding the difference between publishing statistics and storytelling -Thinking about your audience: why is it important to help the general public make sense of your data? -Some important considerations when telling stories with data – contextualising figures; how many decisions do you want the reader to have to make; where and how do you explain methodological information? -Writing like a journalist -Examples of data journalism using official statistics -DISCUSSION: clarifying vs “dumbing down”

	ETA	GAMMA	OMEGA	EPSILON
15:30–16:00	COFFEE BREAK			
16:00–17:15	How different is genetic data? Curse of dimensionality.	16:00–16:30 Group work 2: DISCUSSIONS 16:30–17:15 Lean transformation -Strategic, tactical, and operational improvements for value creation -Examples of good practices and lessons -Roadmaps -Contexts	Media monitoring: how to monitor your content in the media by using a fully automated application. Free discussion on today's topics	Writing your own story -Choose a dataset and create a story outline – this could be a headline and an intro, a chart or a social media post
17:15–17:30	Wrap-up and CONCLUSIONS	Discussion and CONCLUSIONS	Wrap-up and CONCLUSIONS	Wrap-up DISCUSSION and main lessons learned

Conference Programme at a glance

Day 1 – Wednesday, 8 June, 2022

	ALFA	BETA	LAMBDA	ZETA	THETA
7:30–8:50	REGISTRATION				
9:00–10:30	Opening Plenary Session Information quality framework and data stewardship in official statistics / ALFA				
10:30–11:00	COFFEE BREAK				
11:00–12:30	Session 12 Machine learning and technologies for efficiency Chair: Remi Prual	Session 8 Quality management systems Chair: Monika Bieniek	Special Session 1 ESSnet Smart Surveys: Current Chances and Challenges Chair: Albrecht Wirthmann	Session 32 Reaching a wider audience through the visualization tools Chair: Claudia Junker	Session 34 Challenges for statistical production in Covid-times Chair: Kornelia Mag
12:30–14:00	LUNCH BREAK				
14:00–15:30	Special Session 2 Implementation of Quality management frameworks systems in the European Neighborhood Policy (ENP) South countries Chair: Mohamed Salimi	Session 19 Quality of data collection Chair: Giorgia Simeoni	Session 23 Big data for Official statistics Chair: Dr. Domantas Jasilionis	Session 35 Measuring impact of covid on economy and society Chair: Dr. Gindra Kasnauskienė	
15:30–16:30	COFFEE BREAK				
15:45–16:30	Poster Session 1 / LOBBY				
16:30–18:00	Session 27 Censuses in the 21st century [2] Chair: Dr. Inga Masiulaitytė-Šukevič	Session 18 Impact of measuring globalization on the quality of official statistics, MNE Chair: Daiva Jurelevičienė	Session 37 New roles of NSI in the new data ecosystem Chair: Dr. Mariana Kotzeva	Session 11 Quality assurance Chair: Claudia Junker	Session 36 Staying relevant, enhancing relevance Chair: Steven Vale
19:30–22:30	Welcome Reception / LOBBY				

Day 2 – Thursday, 9 June, 2022

	ALFA	BETA	LAMBDA	ZETA	THETA
9:00–10:30	Session 20 Assurance of quality in statistical production system using administrative, multi-sources or other data sources Chair: Johannes Micheler	Session 13 Methodological innovation applied in Social statistics Chair: Dr. Inga Masiulaitytė-Šukevič	Session 6 Modernisation of quality frameworks Chair: Remi Prual	Session 30 Paving the way to statistical literacy / Understanding the world through data Chair: Veronique van der Zande	Session 16 Validation and technical advances, improvement Chair: Ieva Burakauskaitė
10:30–11:00	COFFEE BREAK				
11:00–12:30	Session 38 New capabilities and practices for open and big data to produce statistics Chair: Dr. Jean-Marc Museux	Session 22 Experimental statistics Chair: Tomas Rudys	Session 31 Data Ethics and Enhancing trust Chair: Maria Joao Zilhao	Special Session 5 The next round of peer reviews in the European Statistical System – how can they help to assure the quality of and increase trust in European statistics Chair: Jean-Pierre Poncelet	
12:30–14:00	LUNCH BREAK				
12:45–13:30		Speed Talk Session 1 Processes and standards Chair: Giorgia Simeoni	Speed Talk Session 2 User focus Chair: Gytis Straševičius	Speed Talk Session 3 Data collection Chair: Dr. Biruta Sloka	Speed Talk Session 4 Data and data quality Chair: Dr. Domantas Jasilionis
14:00–15:30	Special Session 3 Implementation of Quality management frameworks systems in the enlargement and European Neighborhood Policy (ENP)-East countries Chair: Claudia Junker	Session 7 Challenges in quality management Chair: Maria Joao Zilhao	Session 14 Methodological innovation for quality improvement Chair: Dr. Audronė Jakaitienė	Session 29 Focus on users to increase the value of official statistics Chair: Veronique van der Zande	Session 28 Challenges in the household surveys Chair: Kornelia Mag
15:30–16:30	COFFEE BREAK				
15:45–16:30	Poster Session 2 / LOBBY				
16:30–17:30	Plenary Session The leadership role of NSOs towards data quality / ALFA				
19:00–23:30	Official Conference Dinner / The Palace of the Grand Dukes of Lithuania				

Day 3 – Friday, 10 June, 2022

	ALFA	BETA	LAMBDA	ZETA	THETA
8:30–10:00	Session 15 Metadata innovations Chair: Thomas Burg	Session 17 Standards and standardisation Chair: Monika Bieniek	Special Session 4 From Experimentation to Production Chair: Dr. Jean-Marc Museux	Session 33 Producing new data in Covid times Chair: Dr. Audronė Jakaitienė	Session 10 Governance for official statistics Chair: Roeland Beerten
10:00–10:30	COFFEE BREAK				
10:30–12:00	Session 9 Coordination and cooperation in the NSI, NSS and beyond Chair: Daiva Jurelevičienė	Session 21 New ways of producing statistics Chair: Monika Bieniek	Session 24 Quality reporting Chair: Giorgia Simeoni	Session 25 Microdata integration Chair: Jurga Rukšėnaitė	Session 26 Censuses in the 21st century [1] Chair: Dr. Gindra Kasnauskienė
12:15–13:45	Closing Plenary Session Challenges to quality in swiftly changing environment / ALFA				
13:45–15:00	LUNCH BREAK				



