

Program Overview

		Hall 1	Hall 2	
Tuesday	8.00 – 9.00	Registration		
	9.00 – 12.00	Workshop B.... - CompLabs (with a break)		
	13.00 – 14.00	Registration		
	14.00 – 17.00	Workshops C, D, E - CompLabs (with a break)		
	16.00 – 17.00	Registration		
	17.00	Reception		
Wednesday	8.00 – 9.00	Registration		
	8.45 – 9.30	Opening of the Conference		
	9.30 – 10.30	Plenary lecture		
	10.30 – 10.50	Break		
	10.50 – 11.50	Session 1: Socially responsible societies I		
	11.50 – 12.10	Break		
	12.10 – 13.10	Session 2: Socially responsible societies II		
	13.10 – 14.40	Lunch		
	14.40 – 15.60	Session 3: Socially responsible societies III	Session 4: Statistics Education in Africa I	
	15.60 – 16.20	Break		
	16.20 – 17.40	Session 5: Socially responsible societies IV		
	Thursday	9.00 – 10.00	Plenary lecture	
10.00 – 10.20		Break		
10.20 – 11.40		Session 6: Employability skills for statistics graduates		
11.40 – 12.00		Break		
12.00 – 13.20		Session 7: Statistics for other disciplines I	Session 8: Socially responsible societies V	
13.20 – 14.30		Lunch		
14.30 – 15.50		Session 9: Big data era		
15.50 – 16.10		Break		
16.10 – 18.00		Posters		
17.00 – 18.00		Special session		
20.00		Conference dinner		
Friday	9.00 – 10.00	Plenary lecture		
	10.00 – 10.20	Break		
	10.20 – 11.40	Session 10: Socially responsible societies VI		
	11.40 – 12.00	Break		
	12.00 – 13.00	Session 11: Statistics Education in Africa II		
	13.00 – 13.30	Closing of the Conference		

8.00–9.00 **Registration**

9.00–12.00 **Workshop B.... - CompLabs (with a break)**
(Hall 1)

1. **Towards a Country-Level Federated Platform for Big Data and Statistics Education Based on Amazon Web Services, AWS Educate and RosettaHUB.**
Karim Chine and Latifa Bouabdillah

13.00–14.00 **Registration**

14.00–17.00 **Workshops C, D, E - CompLabs (with a break)**
(Hall 1)

1. **See Why Students Love JMP**
Volker Kraft
2. **Reconceptualising Statistical Literacy**
Jim Ridgway, James Nicholson and Mark Brown
3. **Using IPUMS Data to Address Sustainable Development Goals: Analysis of Real World Policy Challenges using Real World Data**
Kristen Jeffers

16.00–17.00 **Registration**

17.00 **Reception**

8.00–9.00 **Registration**

8.45–9.30 **Opening of the Conference**
(Hall 1)

Chair: Andrej Blejec

9.30–10.30 **Plenary lecture**
(Hall 1)

Chair: Ayse Bilgin

1. Statistics Capacity Building in a Developing Country – Experiences, Opportunities and Challenges

Delia North

10.30–10.50 **Break**

10.50–11.50 **Session 1: Socially responsible societies I**
(Hall 1)

Chair: David Stern

1. Primary School Students' Statistical Reasoning when Comparing Groups

Daniel Frischemeier

2. Design, Realization and Evaluation of a Statistics Course for Preservice Teachers for Primary School in Germany

Susanne Podworny, Daniel Frischemeier and Rolf Biehler

3. Engaging Students, Teachers and Industry Through Statistics Towards Greater Connection and Social Responsibility

Peter Howley, Ayse Bilgin and Elena Prieto

11.50–12.10 **Break**

12.10–13.10 **Session 2: Socially responsible societies II**
(Hall 1)

Chair: Teresita Teran

1. The Power of Balancing in a Data-rich Material World: Teaching introductory Mathematics and Statistics to Biology Students

Jorge Augusto Navarro-Alberto and Roberto Carlos Barrientos-Medina

2. A Statistics Introductory Course based on Projects: A Teaching Experience with University Students

Santiago Inzunza

3. Perceived Usefulness of the Introductory Statistics Course as a Correlate of Student Engagement in Statistics

Rossi Hassad

13.10–14.40 **Lunch**

14.40–15.60 **Session 3: Socially responsible societies III**
(Hall 1)

Chair: Rossi Hassad

1. **Making Societies Data Literate at Large Scale by Using Online News Media**
Pim Bellinga and Thijs Gillebaart
2. **Financial and Statistical Literacy for Retirement Housing Decisions in Australia**
Timothy Kyng, Ling Li and Ayse Bilgin
3. **Problem-Based Learning as a Pedagogical Approach for Preparing Statistics Graduates**
Gerald Iacullo
4. **Teaching “Quantitative Methods of Analysis in Social Sciences” at University Level**
Theodore Chadjipantelis, Marina Sotirolou and Eirini Gkouramani

14.40–15.60 **Session 4: Statistics Education in Africa I**
(Hall 2)

Chair: Alexey Ponomarenko

1. **Using Digital Tools to Engage Kenyan Development Studies Students with Data**
Giovanna De Giusti
2. **Employability Skills of Official Statisticians: A Student Viewpoint from Tanzania**
Salyungu Mabula
3. **Facing the Challenges from Different Realities: eLearning Approaches for Africa and Europe**
Bruno de Sousa and Gomes Dulce
4. **Statistics Education in Africa: A Case of Tanzania**
Gabriel Simbila

15.60–16.20 **Break**

16.20–17.40 **Session 5: Socially responsible societies IV**
(Hall 1)

Chair: Gabriel Simbila

1. **Does Statistical Information Matter in Communities? A Case of Toangoma Ward in Temeke Municipality –Dar es Salaam, Tanzania**
Jason Nkyabonaki

2. Teaching Statistics at the Civil Service Academy of Pakistan: An Innovative Endeavour

Saleha Naghmi Habibullah

3. Assessment of Teaching Practices on Mathematics for Students in Qatar

Ali Alzahrani, Elizabeth Stojanovski and Peter Howley

4. We Learn Statistics and Mathematics Hardly

Mohammad Nekoufar

9.00–10.00 **Plenary lecture**
(Hall 1)

Chair: Andrej Blejec

1. **What are the Mathematics Houses in Iran? And what they have done to Popularize Statistics**

Ali Rejali

10.00–10.20 **Break**

10.20–11.40 **Session 6: Employability skills for statistics graduates**
(Hall 1)

Chair: Pim Bellinga

1. **How to Prepare Students for Work in the Pharmaceutical Industry**

Ziad Taib

2. **Using Internships to Engage Social Science Students in the Practice and Development of Data Skills**

Mark Brown and Jackie Carter

3. **Getting a Statistician Job You Want: Necessary Skills for Statistics Graduates**

Jay Mandrekar

4. **Embedding Data Manipulation into Statistics Education**

John Lunalo, Steven Ndug'u, David Stern, Danny Parsons, Roger Stern, James Musyoka and Cathy Garlick

11.40–12.00 **Break**

12.00–13.20 **Session 7: Statistics for other disciplines I**
(Hall 1)

Chair: James Musyoka

1. **Describing Data Well in R-Instat**

Maxwell Fundi, David Stern, François Renaud, Lily Clements, Roger Stern and Alex Sananka

2. **Making Multilevel Data Ideas More Accessible**

Danny Parsons and David Stern

3. **Mobile e-Book for BITEC MOOC**

Taerim Lee

4. **The Pathways to Teaching Statistics in the Health Area**

Rodrigo Fioravanti Pereira and Ileana Greca Dufranc

12.00–13.20 **Session 8: Socially responsible societies V**
(Hall 2)

Chair: Susanne Podworny

1. Towards Statistically Literate Communication Professionals

Cláudia Silvestre and Ana Meireles

2. ISLP Country Coordinators as Ambassadors of Statistical Literacy

Reija Helenius, Pedro Campos and Steve MacFeely

3. Facilitating Statistical Literacy for Evidence-Based Nursing Practice: An Active-Learning Approach

Alex Bux

4. Statistics Education in a Post-Truth Era

Jim Ridgway, James Nicholson and David Stern

13.20–14.30 **Lunch**

14.30–15.50 **Session 9: Big data era**
(Hall 1)

Chair: Zachariah Mbasu

1. Training Statistics Graduate Students in Ethics, Reproducible Research, and Other Best Practices

Jeffrey Dawson

2. Tools for Visualising Data: A Review

Jim Ridgway, James Nicholson, Pedro Campos and Sónia Teixeira

3. Reformatting Statistical Education in Russia: Changes in Classifications, Standards, and Programs

Alexey Ponomarenko

4. Still Coming Down From the Mountains

Roger Stern, David Stern and Richard Coe

15.50–16.10 **Break**

16.10–18.00 **Posters**
(Hall 1)

Chair: Reija Helenius

1. Using Public Procurement Datasets for Teaching and Learning

David Stern, Danny Parsons and Roger Stern

2. Using the Climatic Menu in R-Instat

David Stern, James Musyoka, Steve Kogo, Danny Parsons, Lily Clements, Shadrack Kibet and Roger Stern

3. Key Features and Educational Uses of the Describe Menu in R-Instat

David Stern, Maxwell Fundi, Danny Parsons, Lily Clements, Steven Ndungu, Alex Sananka and Roger Stern

4. Key Features and Educational Uses of the File Menu in R-Instat

David Stern, John Lunalo, Danny Parsons, Lily Clements and Roger Stern

5. Statistical Literacy in Ukraine: Problems and Developments

Oleksandr Osaulenko, Volodymyr Panteleiev and Yakiv Karchev

6. Impact Of Big Data On Development Of The Curriculums Of Training Statisticians In Ukrainian University

Ruslan Motoryn, Tetiana Motoryna and Kateryna Prykhodko

7. An Analysis of Statistical Texts through the Meaning Elements of Godino

Teresita Teran, Diana Kohan and Augusto Nascimbene

8. Teaching a Polling and Survey Seminar

Adam Molnar

9. Towards the next ICOTS10 in Kyoto

Michiko Watanabe and Kazunori Yamaguchi

17.00–18.00 **Special session**
(Hall 2)

1. IPUMS International: Teaching statistics with free online microdata from international censuses and surveysemo of IMPUS databases for teaching and research

Kristen Jeffers

20.00 **Conference dinner**

9.00–10.00 **Plenary lecture**
(Hall 1) *Chair: Abdelhak Zoglat*

1. **The Teaching of Statistics in Morocco**
L'enseignement de la Statistique au Maroc
Adil El Marhoum

10.00–10.20 **Break**

10.20–11.40 **Session 10: Socially responsible societies VI**
(Hall 1) *Chair: Pedro Campos*

1. **Analyzing Unstructured Data: Text Analytics in JMP**
Volker Kraft
2. **Confronting Misconceptions: The Role of Dynamic Interactive Technology**
Gail Burrill
3. **Presentation of Statistical Concepts with Dynamic Graphics and Simulations in R**
Andrej Blejec
4. **From Kindergarten to Elderly People. A Macro View of the Teaching of Statistics**
Teresita Teran

11.40–12.00 **Break**

12.00–13.00 **Session 11: Statistics Education in Africa II**
(Hall 1) *Chair: Bruno De Sousa*

1. **Open Educational Resources for Statistics Training**
James Musyoka, Roger Stern and David Stern
2. **Seeding the African Data Initiative**
David Stern
3. **Statistics in Maths Camps**
Zachariah Mbasu, Thomas Mawora and David Stern

13.00–13.30 **Closing of the Conference**
(Hall 1) *Chair: Andrej Blejec*