

# DAY 2, TUESDAY 18 JULY 2023

08:30 am – 09:40 am



<p><b>CPS 36</b> <b>Room 102</b></p>	<p><b>Big data I</b></p> <p>Mr Eko Rahmadian • Mrs Rim Jellal Md Shariful Islam • Mr Marcus André Alves Zimmermann Vieira</p>
<p><b>CPS 37</b> <b>CPS 79</b> <b>Room 201</b></p>	<p><b>Statistics and economics I</b> <b>Official Statistics: Economics</b></p> <p>Miss Nwabisa Mona Prof. Firano Zakaria</p>
<p><b>CPS 38</b> <b>Room 202</b></p>	<p><b>Survey statistics I</b></p> <p>Sung-ha Kim Dr Sheldon Waugh Luis Sanguiao-Sande</p>
<p><b>CPS 39</b> <b>Room 105</b></p>	<p><b>Official statistics: gender roles</b></p> <p>Ms Devon Kristiansen Ms Ashly Yap</p>
<p><b>CPS 40</b> <b>Room 101</b></p>	<p><b>Aspects of official statistics III</b></p> <p>Ms Sofia Rodrigues • Dr Sara Tumpene Mrs Janika Tarkoma • Meredith McCormack-Mager Abdulla Al Dhaheer</p>
<p><b>CPS 41</b> <b>Room 103</b></p>	<p><b>Environmental statistics III</b></p> <p>Prof. Arun Kumar Sinha Prof. Dr Tsung-Jen Shen</p>

# CONTRIBUTED SESSIONS + SIPS

08:30 am – 09:40 am

CPS 

CPS 42  
CPS 52  
Room 104

**Finance and business statistics III**  
**Finance and business statistics VI**

Dr Veronica Bayangos  
Mr Marcelo Trindade Pitta

CPS 43  
Room 108

**Statistical modelling VII**

Ms Mara Sherlin Talento  
Mr Md Rashedul Hoque  
Charlotte Probst

CPS 45  
Room 106

**Statistical estimation IV**

Prof. Saleha Naghmi Habibullah  
Andrius Čiginas  
Dr Sarah Ibrahim

08:30 am – 09:40 am

SIPS 

SIPS  
Room 208

**Bernoulli Society Journal Lecture**

- > Organiser: Prof. Davy Paindaveine
- > Chair: Mark Podolskij
- > Speaker: Alexandra Carpentier

SIPS  
Room 211

**IASC Presidents Invited Session**

- > Organiser: Prof. Ying Chen
- > Chair: Dr Christophe Croux
- > Speaker: Prof. Dr Karen Kafadar

# DAY 2, TUESDAY 18 JULY 2023

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<p><b>SIPS Room 212</b></p>	<p><b>IASE Presidents Invited Session – Educating the Workforce of the Future: Teacher Education in Statistics and Data Science</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Prof. Dr Ayse Aysin Bilgin</li> <li>&gt; Chair: Prof. Dr. Ayse Aysin Bilgin</li> <li>&gt; Speaker: Prof. Dr M. Alejandra Sorto</li> <li>&gt; Discussant: Prof. Dani Ben-Zvi</li> </ul>
<p><b>SIPS Room 210</b></p>	<p><b>IASS President Invited Session – Bridging big data and sampling methodology: a sampling statistician perspective</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Prof. Monica Pratesi</li> <li>&gt; Chair: Prof. Monica Pratesi</li> <li>&gt; Speaker: Prof. Fulvia Mecatti</li> <li>&gt; Discussants: Mr Diego Zardetto • Prof. David Haziza</li> </ul>
<p><b>SIPS Room 207</b></p>	<p><b>ISBIS William Sealy Gosset Lecture</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Dr Daniel Jeske</li> <li>&gt; Speaker: Prof. Nicholas Fisher</li> </ul>
<p><b>SIPS Room 213</b></p>	<p><b>ISI 2023 Founders of Statistics Prize for Contemporary Research Contributions</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Mrs Olivia van Dijck-Timbol</li> <li>&gt; Chair: Prof. Kerrie Mengersen</li> <li>&gt; Speaker: Michael L. Stein</li> </ul>
<p><b>SIPS Room 215</b></p>	<p><b>International Statistical Reviews Invited Paper Session</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Dr Scott H. Holan</li> <li>&gt; Chair: Dr Scott H. Holan</li> <li>&gt; Speakers: Prof. Natalie Shlomo • Abel Dasylva • Rebecca Steorts</li> </ul>

# SIPS

08:30 am – 09:40 am

SIPS 

SIPS  
Room 209

**TIES Presidents Invited Session: Stochastic environmental modeling in a time of convergence: Physics meets artificial intelligence**

- > Organiser: Prof. Yulia Gel
- > Chair: Prof. Lelys I. Bravo de Guenni
- > Speaker: Prof. Stefano Castruccio

09:40 am – 10:00 am



Comfort Break



10:00 am – 12:00 pm

IPS 

IPS 110  
Room 106

**Dissagregating Estimates: Small Area Estimation Advances in Latin America**

- > Organiser: Mr Andres Gutierrez
- > Chair: Mr Rolando Ocampo Alcántar > Speakers: Angelo Cozzubo  
Mr Andres Gutierrez • Caio César Soares Gonçalves
- > Discussant: Dr Andrea Diniz da Silva

IPS 118  
Room 205

**How data and statistical ecosystems are evolving**

- > Organiser: Ian Rutherford
- > Chair: Ian Rutherford
- > Speakers: Kang Yi • Juan Daniel Oviedo Arango • Drudeisha Madhub
- > Discussants: Nnenna Nwakanma • Charles Lebon Mberi Kimpolo

# DAY 2, TUESDAY 18 JULY 2023

10:00 am – 12:00 pm



**IPS 200  
Room 104**

## **Challenges of Natural Language Processing techniques in official statistics**

- > Organiser: Dr Michael Reusens
- > Chair: Dr Michael Reusens
- > Speakers: Dr Cedric De Boom • Prof. Dr Piet Daas  
Miss Shirin Roshanafshar • Klaudia Peszat • Jael Perez

**IPS 224  
Room 202**

## **Evolving statistics in support of central bank policies**

- > Organiser: Mr Bruno Tissot
- > Chair: Fernando Alberto Rocha
- > Speakers: Mr Grzegorz Skrzypczynski • Mrs Bernice Vytiaco  
Nadia Accoto • Ulf von Kalckreuth

**IPS 251  
Room 214**

## **Transformational Innovations for Creating Official Statistics**

- > Organiser: Joseph Salvo
- > Chair: Joseph Salvo
- > Speakers: Sallie Keller • Francesca Kay • Anil Arora
- > Discussants: Stephanie Shipp • Umar Serajuddin

**IPS 276  
Room 101**

## **Addressing climate change in population projections: new challenges for demography?**

- > Organiser: Vjollca Simoni
- > Chair: Johanna Probst
- > Speakers: Raya Muttarak • Leiwen Jiang
- > Discussants: John Wilmoth • Tammy Glazer • Samir K.C

**IPS 309  
Room 210**

## **Promoting Statistical Practice and Collaboration in Developing Countries**

- > Organiser: Prof. Eric Vance
- > Chair: Dr Kimberly Love
- > Speakers: Olusanya Olubusoye • Monday Adenomom  
Dr Joyce Akinyi Otieno

# INVITED SESSIONS

10:00 am – 12:00 pm



<p><b>IPS 318</b> Room 208</p>	<p><b>On statistical learning through the lens of machine learning</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Dr Guanqun Cao</li> <li>&gt; Chair: Dr Guanqun Cao</li> <li>&gt; Speakers: Dr Yao Xie • Yulia Gel • Jiwei Zhao • Dr Chunming Zhang Jungeun Kim</li> </ul>
<p><b>IPS 323</b> Room 103</p>	<p><b>Census Microdata as a Critical Resource for Research</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Dr Lara Cleveland</li> <li>&gt; Chair: Sula Sarkar</li> <li>&gt; Speakers: Ercio Munoz Saavedra • Albert Esteve Rodrigo Lovaton Davila • Frederico Roman Ramos</li> <li>&gt; Discussant: Dr Lara Cleveland</li> </ul>
<p><b>IPS 324</b> Room 207</p>	<p><b>Monitoring Progress towards Sustainable Development Goals with Small Area Estimation over Space and Time</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Alice Richardson</li> <li>&gt; Chair: Alice Richardson</li> <li>&gt; Speakers: James Hogg • Justice Aheto • Sumonkanti Das</li> <li>&gt; Discussant: Dr Bernard Baffour-Awuah</li> </ul>
<p><b>IPS 329</b> Room 212</p>	<p><b>Standards-based modernisation of official statistics: the added value and recent advancements of the ModernStats models</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Mr Zoltán Vereczkei &gt; Chair: Mr Stephane Dufour</li> <li>&gt; Speakers: InKyung Choi • Juan Muñoz Lopez • Dr Flavio Rizzolo Franck Cotton</li> <li>&gt; Discussant: Mr Stephane Dufour</li> </ul>
<p><b>IPS 350</b> Room 206</p>	<p><b>Lessons and challenges in developing and implementing the global SDG Indicator Framework</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Yongyi Min &gt; Chair: Yongyi Min</li> <li>&gt; Speakers: Mr Leonardo Trujillo Oyola • Dr Stephen MacFeely Kevin McCormack</li> <li>&gt; Discussant: Ms Cara Williams • Pof. Dr Lisa Grace Bersales</li> </ul>

# DAY 2, TUESDAY 18 JULY 2023

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**IPS 378  
Room 107**

## **Empowering Society by Reusing its Data for Official Statistics**

- > Organiser: Mr Albrecht Wirthmann
- > Chair: Mr Gallo Gueye
- > Speakers: Xeni Kristine Dimakos • Mr Albrecht Wirthmann  
Stefaan Verhulst • Mr Thomas Mesenbourg
- > Discussant: Dr Ronald Jansen

**IPS 407  
Room 108**

## **European statistical system peer reviews – lessons learnt from their design, implementation and results**

- > Organiser: Mrs Claudia Junker > Chair: Jean-Pierre Poncelet
- > Speakers: Jean-Pierre Poncelet • Carsten Zangenberg  
Ms Marina Gandolfo • Mrs Catharina Fransen
- > Discussant: Jennifer Barnim

**IPS 428  
Room 203**

## **Functional data in real life**

- > Organiser: Prof. Frederic Ferraty
- > Chair: Prof. Frederic Ferraty
- > Speakers: Dr David Nerini • Ana-Maria Staicu • Prof. Frederic Ferraty  
Steve Marron

**IPS 433  
Room 204**

## **High-Dimensional Financial Time Series**

- > Organiser: Dr Carlos Trucios
- > Chair: Dr Paulo Canas Rodrigues
- > Speakers: Prof. Roxana Halbleib • Prof. Alessandra Amendola  
Luiz Hotta • Prof. Nalini Ravishanker • Dr Carlos Trucios

**IPS 439  
Room 209**

## **Partnering for statistically literate societies**

- > Organiser: Vibeke Nielsen
- > Chair: Mrs Reija Helenius
- > Speakers: Bianca Walsh • Delia North • Pedro Campos  
Vibeke Nielsen
- > Discussant: Elena Proden

# INVITED SESSIONS

10:00 am – 12:00 pm



<p><b>IPS 454 Room 215</b></p>	<p><b>Using scanner data and multilateral index methods to produce CPIs: item aggregation, chain drift, seasonality and other unresolved issues</b></p> <p>&gt; Organiser: Prof. Tiziana Laureti &gt; Chair: Prof. Em. Luigi Biggeri &gt; Speakers: Antonio Chessa • Erwin Diewert • Mr Claude Lamboray Naohito Abe • Prof. Tiziana Laureti</p>
<p><b>IPS 489 Room 213</b></p>	<p><b>The basic infrastructures of official statistics – challenges, experiences, and opportunities, with a particular focus on the last round of censuses</b></p> <p>&gt; Organiser: Prof. Dominik Rozkrut &gt; Chair: Prof. Dominik Rozkrut &gt; Speakers: Mr Jean-Michel Durr • Mr Stefan Schweinfest Mrs Linda Peters &gt; Discussants: Misha Belkindas</p>
<p><b>IPS 66 Room 211</b></p>	<p><b>Recent Advances in High-Dimensional Machine Learning and Inference</b></p> <p>&gt; Organiser: Dr Jinchi LV &gt; Chair: Mr Timothy Cannings &gt; Speakers: Dr Mahrad Sharifvaghefi • Mr Timothy Cannings Xiaowo Dai</p>
<p><b>IPS 94 Room 102</b></p>	<p><b>Advances in Research Synthesis in Healthcare Research</b></p> <p>&gt; Organiser: Dr Luis Furuya-Kanamori &gt; Chair: Professor Suhail Doi &gt; Speakers: Tianqi Yu • Lifeng Lin • Professor Suhail Doi • Dr Chang Xu Jazeel Abdulmajeed</p>
<p><b>IPS 96 Room 105</b></p>	<p><b>Computing in the Modern Statistical Office</b></p> <p>&gt; Organiser: Dr Alexander Kowarik &gt; Chair: Dr Magdalena Six &gt; Speakers: Kate Burnett-Isaacs • Dr Mark van der Loo Dr Alexander Kowarik • Dr Mauro Bruno &gt; Discussant: Dr Anders Holmberg</p>



# DAY 2, TUESDAY 18 JULY 2023

14:00 pm – 15:40 pm



**IPS 107  
Room 213**

## **New statistical methods for longitudinal microbiome data**

- > Organiser: Dr Gen Li
- > Chair: Justin Silverman
- > Speakers: Dr Saritha Kodikara • Justin Silverman  
Curtis Huttenhower

**IPS 155  
Room 107**

## **Do principles and ethics of official statistics need to be adjusted to national circumstances?**

- > Organiser: Dr Andreas Georgiou
- > Chair: Mr Dennis Trewin
- > Speakers: Mr Gerry O'Hanlon • Prof. Dr Walter J. Radermacher  
Mr Pali Lehohla • Dr Andreas Georgiou

**IPS 185  
Room 214**

## **Novel changepoint methodology, and their application to environmental data**

- > Organiser: Dr Thomas Fisher
- > Chair: Colin Gallagher
- > Speakers: Dr Thomas Fisher • Robert Lund • Xueheng Shi
- > Discussant: Prof. Rebecca Killick

**IPS 202  
Room 101**

## **Advances in Bayesian Hierarchical Modeling and Variable Selection for Complex Data**

- > Organiser: Prof. Xinlei Wang
- > Chair: Prof. Yusen Xia
- > Speakers: Prof. Xinlei Wang • Gang Han • Johan Lim  
Sameer Deshpande

**IPS 239  
Room 201**

## **Financial innovation and official statistics**

- > Organiser: Mr Bruno Tissot
- > Chair: Mr Ko Nakayama
- > Speakers: Ms Yoshiko Sato • Ulf von Kalckreuth  
Giuseppina Marocchi • Norman Wilson

# INVITED SESSIONS

14:00 pm – 15:40 pm



**IPS 257  
Room 102**

## Analyzing High-dimensional Time Series

- > Organiser: Prof. Nalini Ravishanker
- > Chair: Dr Paulo Canas Rodrigues
- > Speakers: Prof. Katherine B. Ensor • Prof. Refik Soyer  
Dr Scott H. Holan
- > Discussant: Prof. Nalini Ravishanker

**IPS 260  
Room 209**

## Modern functional data analysis

- > Organiser: Dr Kuang-Yao Lee
- > Chair: Dr Kuang-Yao Lee
- > Speakers: Dr Hans-Georg Müller • Victor Panaretos  
Bing Li • Kuang-Yao Lee

**IPS 283  
Room 202**

## Harnessing data by citizens for public policy and SDG monitoring: a conceptual framework and what is next?

- > Organiser: Ms Haoyi Chen
- > Chair: Francesca Perucci
- > Speakers: Long Nguyen Nuc • Prof. Monica Pratesi
- > Discussant: Catherine Michaud

**IPS 303  
Room 206**

## Integrative inference with data from multiple sources: challenges and new developments

- > Organiser: Dr Emily Hector
- > Chair: Dr Emily Hector
- > Speakers: Jin Jin • Rui Duan • Tian Gu • Dr Emily Hector

**IPS 332  
Room 205**

## Innovative Statistical Approaches to address Emerging Challenges in Public Health

- > Organiser: Prof. Sanjib Basu > Chair: TBD
- > Speakers: Prof. Somnath Datta • Prof. Freedom Gumedze  
Prof. Ananda Sen • Prof. Sanjib Basu

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**IPS 338  
Room 105**

## **CAPI data collection: Collect Smarter with GIS**

- > Organiser: Mrs Linda Peters
- > Chair: Mrs Linda Peters
- > Speakers: Kate Hess & More

**IPS 354  
Room 207**

## **Leaving no place behind – Measuring Sustainable Development Goals in cities, towns and rural areas**

- > Organiser: Ms Teodora Brandmuller
- > Chair: Viveka Palm
- > Speakers: Lewis Dijkstra • Teodora Brandmuller  
Mr Pietro Gennari • Robert Ndugwa

**IPS 389  
Room 104**

## **Big Data Analysis of Scientific Networks: Methods and Insights**

- > Organiser: Mr Frederick Kin Hing Phoa
- > Chair: Drs Jing-Wen Huang
- > Speakers: Mr Frederick Kin Hing Phoa • Prof. Dr Junji Nakano  
Prof. Hohyun Jung

**IPS 446  
Room 215**

## **The New England Journal of Statistics in Data Science Invited Papers on the Analysis of Complex Data**

- > Organiser: Dr Colin O. Wu
- > Chair: Prof. Changbao Wu
- > Speakers: Dr. Sijian Wang • Dr Debamita Kundu • Grace Yi
- > Discussant: Prof. Eric Kolaczyk

**IPS 448  
Room 212**

## **New Statistical Methods for Surrogate Modeling and Inverse Problems**

- > Organiser: Dr Emily Lei Kang
- > Chair: Alex Konomi
- > Speakers: Robert Gramacy • Jon Hobbs • Dr Emily Lei Kang  
Dr Pulong Ma

# INVITED SESSIONS

14:00 pm – 15:40 pm



<p><b>IPS 465</b> <b>Room 210</b></p>	<p><b>Modernizing and transforming the National Statistical Systems: Experience from Africa</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Mr Kossi Edem Kludza</li> <li>&gt; Chair: Mr Oliver J. M Chinganya</li> <li>&gt; Speakers: Mr Issoufou Seidou Sanda • Ms Angela Kiconco Gloria Mathenge • Aster Denekew</li> </ul>
<p><b>IPS 479</b> <b>Room 106</b></p>	<p><b>Climate Change: Statistical Challenges</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Dr Mohamed Ismail</li> <li>&gt; Chair: Mostafa Badawy</li> <li>&gt; Speakers: Dr Abdel H. El-Shaarawi • Raymon Nabih</li> <li>&gt; Discussant: Prof. Hussein Abel-Aziz Sayed</li> </ul>
<p><b>IPS 502</b> <b>Room 103</b></p>	<p><b>Bernoulli Society New Researcher Award Session 2023</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Prof. Sebastian Engelke</li> <li>&gt; Chair: Prof. Dr Adam Jakubowski</li> <li>&gt; Speakers: Edgar Dobriban • Prof. Lucas Janson Dr Qiyang Han</li> </ul>
<p><b>IPS 505</b> <b>Room 203</b></p>	<p><b>Impact of global challenges on income inequality in 2020–2023</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Dr Estefania Alaminos Aguilera</li> <li>&gt; Chair: Federico Polidoro</li> <li>&gt; Speakers: Nadja Lamei • Federico Polidoro Dr Estefania Alaminos Aguilera</li> </ul>
<p><b>IPS 64</b> <b>Room 208</b></p>	<p><b>Measurement Error Modeling: Advances and Applications</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Dr Andreea Luisa Erciulescu</li> <li>&gt; Chair: Jean Opsomer</li> <li>&gt; Speakers: Emily Berg • Prof. Mahmoud Torabi • Andreea Erciulescu Jan Pablo Burgard</li> </ul>

# DAY 2, TUESDAY 18 JULY 2023

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IPS 85  
Room 108

## Big Data in National Statistical Offices in Latin America and the Caribbean

- > Organiser: Dr Andrea Diniz da Silva
- > Chair: Dr Andrea Diniz da Silva
- > Speakers: Leonardo Trujillo Oyola • Vladimir Gonçalves Miranda
- > Discussant: Dr Ronald Jansen

IPS 92  
Room 204

## Innovative Nonregular Approaches to Statistical Modelling for Complex Data

- > Organiser: Prof. Tsung-I Lin
- > Chair: Prof. Tsung-I Lin
- > Speakers: Victor Hugo Lachos Davila • Wan-Lun Wang  
Luis Mauricio Castro • Tsung-I Lin

15:40 pm – 16:00 pm



Comfort Break



16:00 pm – 17:25 pm



IPS 209  
Room 213

## Statistics and False Facts – session in honour of the late Prof. Tim Holt

- > Organiser: Mr Stephen Penneck
- > Chair: Mr Stephen Penneck
- > Speakers: Len Cook • Anil Arora • Lidija Brkovic • Gary Dunnet  
Dr Stephen MacFeely

# INVITED SESSIONS

16:00 pm – 17:25 pm



<p><b>IPS 244 Room 207</b></p>	<p><b>Commercial real estate indicators: progress and challenges</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Mr Bruno Tissot</li> <li>&gt; Chair: Matt Haigh</li> <li>&gt; Speakers: Dr Thomas Knetsch • Eric Nielsen • Mr Paul Konijn</li> </ul>
<p><b>IPS 302 Room 208</b></p>	<p><b>Insurgency in a Developing Economy: Risk Management for Advancing the Safety of Women and Children</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Prof. Polycarp Chigbu</li> <li>&gt; Chair: Chioma Nwosu</li> <li>&gt; Speakers: Eugene Ukaegbu • Prof. Polycarp Chigbu Godday Ebuh</li> </ul>
<p><b>IPS 336 Room 210</b></p>	<p><b>Opportunities and Challenges in Using Satellite Imagery to Support the Sustainable Development Goals</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Natasya Afira</li> <li>&gt; Chair: Natasya Afira</li> <li>&gt; Speakers: Natasya Afira • Yuliagnis Transver Wijaya Arie Wahyu Wijayanto</li> </ul>
<p><b>IPS 405 Room 214</b></p>	<p><b>The Role of a National Statistical Agency in Modelling COVID-19 and Beyond</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Deirdre Hennessy</li> <li>&gt; Chair: Deirdre Hennessy</li> <li>&gt; Speakers: Dr Rochelle Garner • Deirdre Hennessy Douglas Manuel</li> </ul>
<p><b>IPS 409 Room 212</b></p>	<p><b>Responsible Machine Learning In The Context Of Official Statistics</b></p> <ul style="list-style-type: none"> <li>&gt; Organiser: Dr Saeid Molladavoudi</li> <li>&gt; Chair: Dr Saeid Molladavoudi</li> <li>&gt; Speakers: Dr Barteld Brackma • Ms Claire Clarke Andrea del Monaco • Marco Marini</li> </ul>

# DAY 2, TUESDAY 18 JULY 2023

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IPS 467  
Room 206

**Climate change, Human mobility, and Health: data science to uncover the complex interplay**

- > Organiser: Chaitanya Joshi
- > Chair: Myer Glickman
- > Speakers: Myer Glickman • Chaitanya Joshi • Ying Jin

IPS 490  
Room 209

**Looking to the Future: Important Themes in Statistics Education**

- > Organiser: Ms Gail Burrill
- > Chair: Dr Pip Arnold
- > Speakers: Ms Gail Burrill • Christine Franklin

IPS 493  
Room 211

**Recent Advances in Statistical Methods for Biomedical Data Analysis**

- > Organiser: Zhengqing Ouyang
- > Chair: Zhengqing Ouyang
- > Speakers: Raji Balasubramanian • Jing Qian • Yuping Zhang

16:00 pm – 17:25 pm



CPS 46  
Room 103

**Impact of covid II**

Dr Md Shahjahan  
Prof. Dr Jang Schiltz

# CONTRIBUTED SESSIONS

16:00 pm – 17:25 pm



<p><b>CPS 47</b> <b>Room 201</b></p>	<p><b>Statistics and education</b></p> <p>Dr Elinor Mair Jones Ms Eunjin An</p>
<p><b>CPS 48</b> <b>Room 108</b></p>	<p><b>Statistics and economics II</b></p> <p>Ms Valent Gigih Saputri Prof. Bashiru I.I. Saeed Yan Zheng</p>
<p><b>CPS 49</b> <b>CPS 89</b> <b>Room 203</b></p>	<p><b>Statistics and health II</b> <b>Spatial statistics and health</b></p> <p>Dr Adel Ahmadi Nadi Dr Zeytu Gashaw Asfaw</p>
<p><b>CPS 50</b> <b>Room 106</b></p>	<p><b>Statistical methodology V</b></p> <p>Lilli Japiec • Prof. Arun Kumar Sinha Prof. Rebecca Killick • Tomomi Yamada</p>
<p><b>CPS 51</b> <b>Room 105</b></p>	<p><b>Statistical methodology III</b></p> <p>Dr Ming-Che Lu Prof. Dr Hana Sulieman Dr Thomas Fung</p>
<p><b>CPS 53</b> <b>Room 205</b></p>	<p><b>Teaching statistics III</b></p> <p>Prof. Pedro Jose Campos Dr Peter Kovacs</p>



# DAY 2, TUESDAY 18 JULY 2023

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CPS 

**CPS 54**  
Room 204

## Teaching statistics I

Prof. James Ridgway • Dr Yelena Stukalin  
Miss Martina Kökény • Ms Angéla Kátainé Marosi  
Dr Rabei Wazzeih

**CPS 55**  
Room 202

## Statistics and food security

Dr Zelalem Destaw  
Ms Amal Mansouri  
Dr Yan Wang

**CPS 56**  
Room 104

## Statistical estimation VI

Dr. Mohd Uzir Mahidin • Dr Divina Gracia Del Prado  
Dr Phillip Kott • Dr Fernanda Lang Schumacher  
Cassandra Bird

**CPS 57**  
Room 107

## Statistical testing

Sunil Mathur • Dr Sinjini Sikdar  
Dr Sandipan Dutta • Ms Chong Gan  
Dr Ming-Yung Lee • Mr Benjamin Ott

**CPS 58**  
Room 101

## Data science

Prof. Joachim Engel  
Dr Stephanie Shipp

17:30 pm – 18:30 pm

CPS 

**CPS 59**  
Room 105

## Statistical methodology VI

Prof. Dr Su-Fen Yang  
Dr Michael Casey  
Dr Ziteng Cheng

# CONTRIBUTED SESSIONS

17:30 pm – 18:30 pm



<p><b>CPS 61</b> Room 101</p>	<p><b>High-dimensional statistics</b></p> <p>Mr Shota Takeishi Dr Kellie J. Archer Mr Changwon Choi</p>
<p><b>CPS 63</b> <b>CPS 88</b> Room 203</p>	<p><b>Survey statistics VI</b> <b>Big Data II</b></p> <p>Prof. Dr. Annamaria Bianchi Rabi'atul'adawiah Shabli</p>
<p><b>CPS 66</b> Room 106</p>	<p><b>Statistical modelling III</b></p> <p>Selamawit Moja • Mr Claude Nadeau Dr Han Gao • Dr Daniel Maposa</p>
<p><b>CPS 67</b> Room 204</p>	<p><b>Sustainable development goals II</b></p> <p>Mr Jean-Pierre Cling Miss Edvira Malliedje Fokam</p>
<p><b>CPS 68</b> Room 103</p>	<p><b>Official statistics I</b></p> <p>Dr John Lamont Eltinge Waqas Ahmed Malik</p>
<p><b>CPS 69</b> Room 102</p>	<p><b>Machine learning</b></p> <p>Prof. Dr Elena Zarova • Prof. Antonio Pedro Duarte Silva Dr Stephen Wu • Mr Serge Goussev</p>
<p><b>CPS 70</b> Room 201</p>	<p><b>Statistics and internet</b></p> <p>Dr Magdalena Six Mr John Lourenze Poquiz</p>

# DAY 2, TUESDAY 18 JULY 2023

16:00 pm – 17:20 pm

POSTERS 

## CPS Posters 05

- 16:00 – 16:20 CPS 382 Demographic Differentials and Changes on Gender Inequality in Egypt • Aliaa Amer
- 16:20 – 16:40 CPS 610 Parental involvement and Moroccan student's school performance: A Structural Equation Modeling study  
Nada Bijou
- 17:00 – 17:20 CPS 581 Social inequalities and educational achievement of Moroccan students: Econometric evidence using a multilevel modelling approach • Nada Bijou

## CPS Posters 06

- 16:00 – 16:20 CPS 436 Big Data Governance on Digital Twin Technology for Smart and Sustainable Tourism • Eko Rahmadian
- 16:20 – 16:40 CPS 399 Use of national population census data to decompose gender imbalances in the health, social and scientific policy research workforces • Neeru Gupta
- 16:40 – 17:00 CPS 574 Representation of social roles between women and men  
Siham Zarrari
- 17:00 – 17:20 CPS 704 International migration: Morocco a country of transit that has become a country of settlement • Siham Zarrari

## CPS Posters 07

- 16:00 – 16:20 CPS 557 Catastrophic health spending and household impoverishment in Morocco during the Covid-19 pandemic  
Ezzrari Abdeljaouad
- 16:20 – 16:40 CPS 632 "The double burden of Moroccan women in rural areas: domestic work and precarious family agricultural employment" • Yattou Ait Khellou
- 16:40 – 17:00 CPS 724 Ways of measuring internet access in Brazil by different household surveys • Marcus André Alves Zimmermann Vieira