

DAY 3, WEDNESDAY 19 JULY 2023

08:30 am – 09:40 am



<p>CPS 71 Room 101</p>	<p>Aspects of official statistics IV</p> <p>Mr Lucas Malherbe • Mr Jannek Mühlhan Dr Pieter Vlag • Mr Gergely Attila Kiss</p>
<p>CPS 72 Room 107</p>	<p>Statistics and health III</p> <p>Mr Lino Galiana Dr Michael Larsen Dr Iyabode Oyenuga</p>
<p>CPS 73 Room 103</p>	<p>Finance and business statistics V</p> <p>Rabi'atul'adawiah Shabli • Ms Rose Ann Hernandez Ms K Megala Kumarran • Dr. Faith Christian Cacnio</p>
<p>CPS 74 Room 102</p>	<p>Employment statistics</p> <p>Catalina Albury Mrs Yattou Ait Khellou</p>
<p>CPS 75 Room 106</p>	<p>Statistical modelling IV</p> <p>Dr Francois Marshall Mohammad Samsul Alam Dr Marco Mingione</p>
<p>CPS 76 Room 105</p>	<p>Statistical estimation V</p> <p>Mr Tomas Masak Dr Shintaro Yuki</p>

CONTRIBUTED SESSIONS

08:30 am – 09:40 am

CPS 

CPS 77
Room 108

Statistics and mortality

Mr Suryo Adi Rakhmawan
Dr Amina Suleiman Msengwa

CPS 78
Room 201

Survey statistics IV

Dr Anders Holmberg
Dr Michael Slyuzberg
Ms Quindale Caraos

08:30 am – 09:40 am

SIPS 

SIPS
Room 207

Bernoulli Society Presidents Invited Session – Formation of the Modern Probability Theory

- > Organiser & Chair: Prof. Dr Adam Jakubowski
- > Speaker: Prof. Dr Reinhard Siegmund-Schultze

SIPS
Room 209

Early Career Award TIES, ABS, IAOS, YS

SIPS
Room 211

IAOS Presidents Invited Session – Fundamental Principles: Are they still relevant today in the current data ecosystem?

- > Organiser: & Chair: Dr Misha Belkindas
- > Speakers: Dr Haishan Fu • Prof. Dr Mariana Kotzeva
Dr Hermann Habermann • Ms Ilana Ron Levey
Mulenga JJ Musepa

SIPS
Room 210

IASS – 2023 Waksberg Award Invited Address

- > Organiser: Mr Jean-Francois Beaumont
- > Chair: Mr Jean-Francois Beaumont
- > Speaker: Prof. Raymond L. Chambers

DAY 3, WEDNESDAY 19 JULY 2023

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SIPS 

SIPS
Room 206

ISBIS Applied Stochastic Models in Business and Industry Journal Session

- > Organiser: Dr Fabrizio Ruggeri > Chair: Dr Fabrizio Ruggeri
- > Speakers: Prof. Kerrie Mengersen • Dr Aiden Price
- > Discussants: Tim Macuga • Prof. Denise A. Lievesley
Prof. Katherine B. Ensor

SIPS
Room 213

ISI 2023 Mahalanobis International Award

- > Organiser: Mrs Olivia van Dijk-Timbol
- > Chair: Prof. Kerrie Mengersen
- > Speaker: Arup Bose

09:40 am – 10:00 am



Comfort Break



10:00 am – 12:00 pm

IPS 

IPS 136
Room 204

Longitudinal observation of human populations

- > Organiser: Dr Piero Falorsi
- > Chair: Mr Calogero Carletto
- > Speakers: Gero Carletto • Abdelnasser Saïdi
Mr Diego Zardetto

DAY 3, WEDNESDAY 19 JULY 2023

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<p>IPS 171 Room 101</p>	<p>Advancing Timeliness of Official Statistics through Model-based Nowcasting</p> <ul style="list-style-type: none"> > Organiser: Mr Steve Matthews > Chair: Etienne Rassart > Speakers: Jean Palate • Sercan Eraslan • Tucker McElroy > Discussant: Rafal Kulik
<p>IPS 179 Room 105</p>	<p>Mobilizing Statistical Innovation Through Academic Partnerships for More Efficient and Targeted Policies</p> <ul style="list-style-type: none"> > Organiser: Faryal Ahmed > Chair: Francesca Perucci > Speakers: Mr. Leonardo Trujillo • Ms. Xenia Kristine Dimakos Dr Amos Kabo-bah • Dr. Babatunde Abidoye > Discussants: Mr. Matthew Shearing • Rebecca Riley
<p>IPS 184 Room 208</p>	<p>Measuring Progress on the SDGs – the pros and cons of using composite measures for SDGs</p> <ul style="list-style-type: none"> > Organiser: Ms Cara Williams > Chair: Alice Richardson > Speakers: Guillaume Cohen • Catherine Michaud Live Rognerud • Guillaume Lafortune > Discussant: Viveka Palm
<p>IPS 196 Room 213</p>	<p>The informal economy: Towards an improved international framework to measure the informal economy</p> <ul style="list-style-type: none"> > Organiser: Mr Michael Frosch > Chair: Mr Tite Habiyakare > Speakers: Mr Kossi Edem Kludza • Mr Michael Frosch • Michael Ogen Dr. Gayatri Koolwal
<p>IPS 219 Room 209</p>	<p>Statistical inference for computer models</p> <ul style="list-style-type: none"> > Organiser: Dr Derek Bingham > Chair: Dr Derek Bingham > Speakers: Dave Higdon • Daniel Williamson • Leanna House Nathalie Klein > Discussant: Prof. Chunfang Devon Lin

INVITED SESSIONS

10:00 am – 12:00 pm



<p>IPS 225 Room 103</p>	<p>Building statistical capacity for clinical trials in Sub-Saharan Africa</p> <ul style="list-style-type: none"> > Organiser: Dr Lehana Thabane > Chair: Dr Lehana Thabane > Speakers: Rhoderick Macheckano • Prof. Samuel Manda Prof. Tobias Chirwa • Dr Misrak Gezmu > Discussant: Tonya Esterhuizen
<p>IPS 264 Room 108</p>	<p>Flexible infrastructure for next generation of statisticians</p> <ul style="list-style-type: none"> > Organiser: Mr Mátyás Mészáros > Chair: Monica Pickard > Speakers: Mr Romain Lesur • Ms Marie Haldorson • Christie Sambell > Discussant: Albrecht Wirthmann
<p>IPS 266 Room 211</p>	<p>Statistics for Astronomy</p> <ul style="list-style-type: none"> > Organiser: Aneta Siemiginowska > Chair: Vinay Kashyap > Speakers: Jogesh Babu • Gwendolyn Eadie • David Stenning Yang Chen • Thomas Loredó
<p>IPS 272 Room 203</p>	<p>Leveraging all data in the production of official statistics: A progress report</p> <ul style="list-style-type: none"> > Organiser: Dr Linda J. Young > Chair: Barbara Rater > Speakers: Ron Jarmin • Anders Holmberg • Prof. Dr Ton De Waal Andrea Diniz da Silva > Discussant: Linda Young
<p>IPS 274 Room 210</p>	<p>Statistics and data in the decision-making process – how can statistical offices promote the usage and application of data?</p> <ul style="list-style-type: none"> > Organiser: Mrs Reija Helenius > Chair: Dr Markus Sovala > Speakers: Ville Vertanen • Dr Stephen MacFeely Drs Ola Awad-Shakhshir • Dr David Stern > Discussant: Gaby Umbach

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**IPS 280
Room 214**

Womens Empowerment through Statistical Research: Challenges and Opportunities

- > Organiser: Prof. Dr Blagica Novkovska
- > Chair: Prof. Dr Blagica Novkovska
- > Speakers: Prof. Dr. Eva Laczka • Ms Milica Maricic
Ms Arijana Amina Ramic • Prof. Dr Ksenija Dumcic

**IPS 307
Room 107**

Developments in Small Area Statistics Leveraging Non-Random Sampling

- > Organiser & Chair: Dr Snigdhanu Chatterjee
- > Speakers: Dr Sanjay Chaudhuri • Ms Haoyi Chen
Dr Snigdhanu Chatterjee
- > Discussant: Prof. Mahmoud Torabi

**IPS 317
Room 215**

Measurement challenges of digitalization in official statistics

- > Organiser: Dr Yafei Wang
- > Chair: Xuguang Song
- > Speakers: Yuhan Zhao • Chunyun Wang • Nan Zhao
- > Discussants: Xin Li • Jiao Jin

**IPS 321
Room 207**

Recent Advances in Statistical Network Analysis with Applications

- > Organiser: Prof. Ji Zhu
- > Chair: Prof. Ji Zhu
- > Speakers: Prof. Eric Kolaczyk • Dr Gongjun Xu • Maggie Niu • Yi Yu
- > Discussant: Tianxi Li

**IPS 337
Room 206**

New challenges for labour market statisticians stemming from Covid-19 – how to produce timely and meaningful data in conditions of uncertainty

- > Organiser: Dr Hannah Kiiver > Chair: Riccardo Gatto
- > Speakers: Julie Hatch • Dr Hannah Kiiver • Mr Colm Bates
Hanna Strzelecka

INVITED SESSIONS

10:00 am – 12:00 pm



<p>IPS 341 Room 205</p>	<p>Mortality experience of Indigenous Peoples in the COVID era</p> <ul style="list-style-type: none"> > Organiser: Mr Francis Notzon > Chair: Ms Michele Connolly > Speakers: Dr Kalinda Elizabeth Griffiths > Discussant: Dr Jonathan Dewar
<p>IPS 418 Room 102</p>	<p>Building Capacity in Statistics Education in Africa</p> <ul style="list-style-type: none"> > Organiser: Dr Retius Chifurira > Chair: Dr Retius Chifurira > Speakers: Knowledge Chinhamu • Essey Kebede > Discussant: Temesgen Zewotir
<p>IPS 436 Room 201</p>	<p>Food access, poverty and food waste: new facets, statistical sources and analysis towards a sustainable management</p> <ul style="list-style-type: none"> > Organiser: Prof. Em. Luigi Biggeri > Chair: Prof. Em. Luigi Biggeri > Speakers: Mengting Yu • Prof. Stefano Marchetti • Dr Ilaria Benedetti Prof. Luca Secondi > Discussant: Prof. Tiziana Laureti
<p>IPS 440 Room 104</p>	<p>Commercial Property Price Indices and their Place in Official Statistics</p> <ul style="list-style-type: none"> > Organiser: Marshall Reinsdorf > Chair: Marshall Reinsdorf > Speakers: Prof. Dr Chihiro Shimizu • Jens Mehrhoff Miriam Steurer • Dr Marc Francke > Discussant: Erwin Diewert
<p>IPS 451 Room 106</p>	<p>Decent Work and Gender Equality in Sub-Saharan Africa: Limitations and Prospects</p> <ul style="list-style-type: none"> > Organiser & Chair: Prof. Femi Barnabas Adebola > Speakers: Oluwadare olatunde OJO • Oluwaseun Ayobami ADESINA Roseline Jumoke Kolawole • Dr Olusegun Sunday Ewemooje > Discussant: Olukemi Grace ADEBOLA

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IPS 87
Room 202

Innovative Approach for Achieving Sustainable Development Goals (SDGs) in Africa

- > Organiser: Dr Osuolale Peter Popoola > Chair: Mr Oliver J. M Chinganya
- > Speakers: Molla Hunegnaw Asmare • Osuolale Peter Popoola
Madi Mangan • Mr Leandre Foster Ngogang Wandji
- > Discussant: Nureni Olawale Adeboye

14:00 pm – 15:40 pm



IPS 114
Room 204

Recent progress in building statistical registers in countries with no administrative population registers

- > Organiser: Mr Jean-Michel Durr
- > Chair: Mr Jean-Michel Durr
- > Speakers: Ms Francesca Kay • Mr Olivier Lefebvre
Mr Shujaat Ansari • Celeste Cutting

IPS 187
Room 102

Advanced Machine Learning Techniques for General Nonlinear and Non-Gaussian Problems

- > Organiser: Prof. Ning Ning
- > Chair: Prof. Ning Ning
- > Speakers: Nicolas Chopin • Dan Crisan • Prof. Jun Liu
Pierre Del Moral

IPS 205
Room 213

Sustainable finance statistics

- > Organiser: Mr Bruno Tissot
- > Chair: Mr Robert Kirchner
- > Speakers: Ms Caroline Willeke • Ms Magdalena Erdem
Maurice Fehr • Jens Mehrhoff • Hendrik Christian Doll

IPS 208
Room 209

Statistical leadership

- > Organiser: Mr Stephen Penneck
- > Chair: Mr Stephen Penneck
- > Speakers: John Bailer • Mr Ed Humpherson • Denise Britz do N. Silva
Associate Professor Dr. Mariana Kotzeva

INVITED SESSIONS

14:00 pm – 15:40 pm



<p>IPS 216 Room 205</p>	<p>Recent theoretical and methodological advances in business, finance, and actuarial science</p> <ul style="list-style-type: none"> > Organiser: Dr Nathaniel Stevens > Chair: Dr Nathaniel Stevens > Speakers: Félix Camirand Lemyre • Anne MacKay Philippe Gagnon
<p>IPS 233 Room 102</p>	<p>Causal inferences for adaptive treatment strategies</p> <ul style="list-style-type: none"> > Organiser: Prof. Erica EM Moodie > Chair: Haoyu Wu > Speakers: Michael Wallace • Olli Saarela • Dr Janie Coulombe Prof. Denis Talbot
<p>IPS 237 Room 108</p>	<p>From Experiment to Production: How National Statistical Offices Adopts Innovative Methods for Producing Disaggregated Data</p> <ul style="list-style-type: none"> > Organiser: Mr Andres Gutierrez > Chair: Mr Rolando Ocampo Alcántar > Speakers: Andres Gutierrez • Ms Haoyi Chen • Mr. David Newhouse > Discussants: Ms Isabel Molina Peralta • Prof. Monica Pratesi
<p>IPS 238 Room 212</p>	<p>Statistics in Biosciences (SIBS): Real world challenges and recent methodological developments</p> <ul style="list-style-type: none"> > Organiser: Prof. Xiaoquiong Joan Hu > Chair: Prof. Xiaoquiong Joan Hu > Speakers: Dr Hongyu Zhao • Mengling Liu • Dr Jing Ning Doug Schaubel
<p>IPS 245 Room 214</p>	<p>The present and future of access to granular administrative data</p> <ul style="list-style-type: none"> > Organiser: Mr Bruno Tissot > Chair: Ms Hanna Brenzel > Speakers: Christian Hirsch • Jannick Blaschke • Mr Luis Angel Maza Dr Chiung Ching Ho > Discussant: Jorrit Zwijnenburg

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**IPS 308
Room 107**

Estimating flows of ecosystem services and benefits to society in urban ecosystems

- > Organiser: Dr Jonathan Whiteley
- > Chair: Dr Jessica Andrews
- > Speakers: Dr Jonathan Whiteley • Lauren Allen • Marie-Janick Dr Amanda Schwantes

**IPS 310
Room 103**

Challenges for ensuring quality of Official Statistics in the new data eco-system

- > Organiser: Mrs Orietta Luzi
- > Chair: Mrs Orietta Luzi
- > Speakers: Lucia Barbone • Mr. Manuel Cuéllar • Karin Blix Giorgia Simeoni

**IPS 312
Room 202**

Innovative statistical methods for large-scale surveys

- > Organiser: Dr Jean Opsomer
- > Chair: Dr Jean Opsomer
- > Speakers: Jay Breidt • Laura Gamble • Prof. Maria Giovanna Ranalli Eric Slud

**IPS 316
Room 106**

Design and Analysis of Experiments for Data Science

- > Organiser: Prof. Chunfang Devon Lin
- > Chair: Prof. Chunfang Devon Lin
- > Speakers: Dr Simon Mak • Dr John Stufken • Ryan Lekivet

**IPS 351
Room 203**

New technologies for privacy and transparency in production of official statistics

- > Organiser: Dr Fabio Ricciato > Chair: Mr Gallo Gueye
- > Speakers: Dr Saeid Molladavoudi • Matjaz Jug • Mr Baldur Kubo Mr Albrecht Wirthmann

INVITED SESSIONS

14:00 pm – 15:40 pm



<p>IPS 376 Room 207</p>	<p>Statistical Methods for Complex Data Obtained from Administrative Health Databases</p> <ul style="list-style-type: none"> > Organiser: Aya Mitani > Chair: Prof. Wendy Lou > Speakers: Joan Hu • Eleanor Pullenayegum • Kuan Liu • Zihang Lu Aya Mitani
<p>IPS 390 Room 105</p>	<p>Data science education in developing countries: challenges and strategies</p> <ul style="list-style-type: none"> > Organiser: Prof. Bhaswati Ganguli > Chair: Prof. Olusanya E. Olubusoye > Speakers: Prof. Bhaswati Ganguli • Dr Joyce Akinyi Otieno
<p>IPS 425 Room 215</p>	<p>“Social Discrimination: A statistical overview”</p> <ul style="list-style-type: none"> > Organiser: Dayana Pérez > Chair: Adrian Franco > Speakers: Guilherme Leonardo M. Dutra • Luisa Sanchez Dr Oscar Jaimes
<p>IPS 443 Room 104</p>	<p>Changing the Data Collection Paradigm: Lessons Learned from COVID 19</p> <ul style="list-style-type: none"> > Organiser: Dr Linda J. Young > Chair: Dr Linda J. Young > Speakers: Jelmer de Groot • Kevin McGee • Barbara Rater
<p>IPS 447 Room 208</p>	<p>Statistical Modeling and Simulations with Applications in Climate and Environmental Science</p> <ul style="list-style-type: none"> > Organiser: Dr Emily Lei Kang > Chair: Dr Emily Lei Kang > Speakers: Amy Braverman • Bo Li • Steve Sain

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**IPS 474
Room 210**

Statistical learning and ethical artificial intelligence

- > Organiser: Prof. Dr Walter J. Radermacher
- > Chair: Mr Eric Rancourt
- > Speakers: Prof. Rochelle Tractenberg • Katharina Schueller
Jan Robert Suesser
- > Discussant: Prof. Dr Walter J. Radermacher

**IPS 481
Room 201**

Informing response to COVID19 using mathematical and machine learning modeling and analytics

- > Organiser: Sevgui Erman
- > Chair: Louis Borgeat
- > Speakers: Ashkan Ebadi • Miroslava Čuperlović-Culf
James Ooi • Steffany Bennett

**IPS 79
Room 211**

Statistical methods for managing emerging infectious diseases

- > Organiser: Prof. Rob Deardon
- > Chair: Prof. Rob Deardon
- > Speakers: Dr Patrick Brown • Cindy Feng • Rob Deardon
Harlan Campbell

**IPS 97
Room 206**

Science-Integrated Statistical Learning: interpretable statistical modeling for effective decision-making

- > Organiser: Dr Simon Mak > Chair: Dr Simon Mak
- > Speakers: Prof. Chih-Li Sung • Oksana Chkrebtii • Mike Grosskopf
- > Discussant: Daniel Williamson

INVITED SPEAKER

16:00 pm – 17:10 pm

KEYNOTE 

ISI PRESIDENTS INVITED SPEAKER

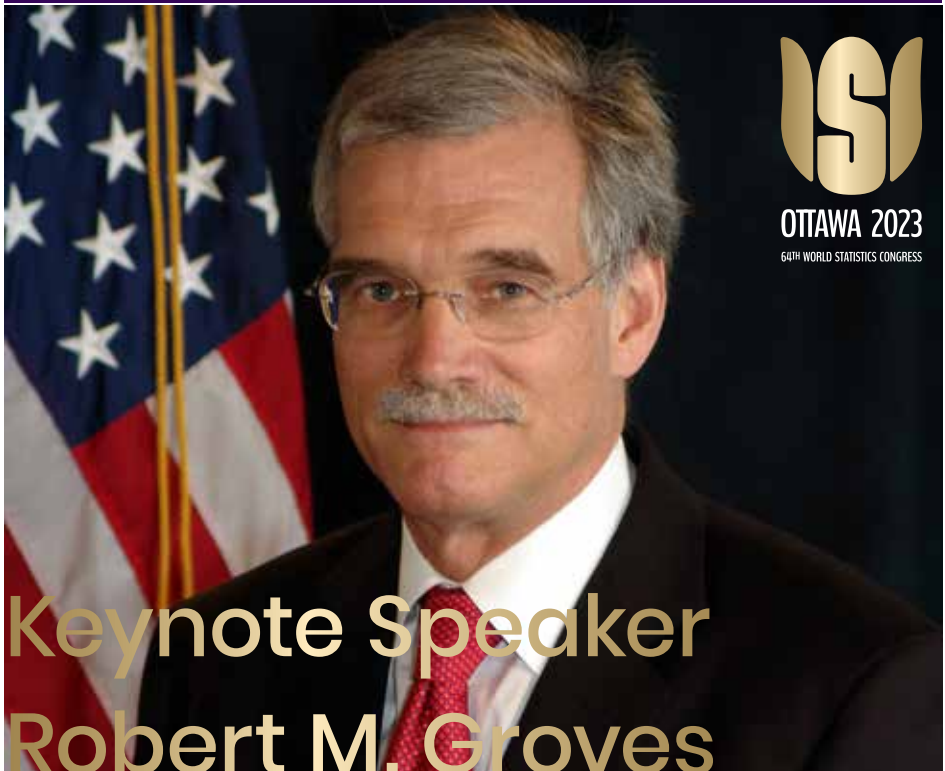
Prof. Robert Groves – A coordinated National Data Infrastructure for the Common Good

Location: Canada Hall 1 & 2

- > Organiser: Mr Stephen Penneck
- > Speakers: Prof. Robert Groves



STEPHEN PENNECK
ISI President



OTTAWA 2023
64TH WORLD STATISTICS CONGRESS

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POSTERS 

CPS Posters 08

- 14:00 – 14:20 CPS 362 Looking Back: Teaching Statistics during a Pandemic in Austria • Thomas Forstner
- 14:20 – 14:40 CPS 719 The Role of Trade Associations in the Production of Statistics, the Case of Air Transport Statistics • Jesper Venema
- 14:40 – 15:00 CPS 524 Improving Statistical Quality through Speech Analytics
Jeremy Heng

CPS Posters 09

- 14:00 – 14:20 CPS 541 Improving Labour Market Statistical Literacy
Boon Heng Ang
- 14:20 – 14:40 CPS 746 Demographics of the GCC – Understanding the changes in the local population • Mr Ali Al Flaiti
- 14:40 – 15:00 CPS 572 Who bears the economic and social cost of domestic violence? • Siham Zarrari

CPS Posters 10

- 14:00 – 14:20 CPS 768 Determination of Appropriate Imputation Technique for the Producer Price Survey of Manufacturing Sector in the Philippines • Quindale Caraos
- 14:20 – 14:40 CPS 766 Nonparametric Regression for Simulated Nonlinear Data
Honeylet Santos
- 14:40 – 15:00 CPS 903 Subjective risks assessment in safety of elderly persons in cities • Ms Grażyna Trzpiot