Final Conference Programme

Day 1 – Wednesday 19 September 2018

09:00-09:30	**Opening remarks - Plenary Room CC1:** Mario Palma (President of IAOS) Martine Durand (Chief Statistician and Director of Statistics and Data, OECD) Mónica Aspe (Ambassador, Permanent Representative of Mexico to the OECD)
09:30-10:30	**Keynote speech - Plenary Room CC1** Introduction by Peter van de Ven (OECD): **Walter Radermacher, President of the Federation of European National Statistical Societies (FENStatS)** Official statistics in the risk society
10:30-11:00	*Group Photo before coffee break*
11:00-13:00	**Parallel sessions 1**

1.A. Use of Big Data for compiling statistics – Room CC7
Chair: Stephan Krische (GOPA, Luxembourg)

1. "Seasonal Adjustment of Daily Data", Dominique Ladiray * (Insee, France), Gian Luigi Mazzi (GOPA, Luxembourg), Jean Palate (National Bank of Belgium) and Tommaso Proietti (University of Rome II, Italy)

2. "Enhanced step-by-step approach for the use of big data in modelling for official statistics", Dario Buono (Eurostat), George Kapetanios, Fotis Papailias (KCL, London), Massimiliano Marcellino (Bocconi University, Italy), Gian Luigi Mazzi and Ibtissame Sahir * (GOPA, Luxembourg)

3. "Evaluations of nowcasting/flash estimation based on a big set of indicators", Dario Buono (Eurostat), George Kapetanios (KCL, London), Massimiliano Marcellino (Bocconi University, Italy), Gian Luigi Mazzi *(GOPA, Luxembourg) and Fotis Papailias (KCL, London)

1.B. Poverty and well-being – Room CC16
Chair: Jean-Louis Bodin (Inspecteur Général de l'INSEE Honoraire and former ISI and IAOS President)

1. "Use of new techniques to measure well-being index for African countries", Mahmoud Mohamed ElSarawy (CAPMAS, Egypt)

2. "Global multidimensional poverty index in Jordan", Maha Khader Dawas (Department of Statistics, Jordan)

3. "Deprivation of well-being in terms of material deprivation in a multidimensional approach: Sri Lanka", Diana Dilshanie Deepawansa * and Priyanga Mahesh Dunusinghe (University of Colombo)

4. "International and national experiences and main insights for policy use of well-being and sustainability frameworks", collective work within the EU funded project MAKSWELL:

11:00-13:00	Parallel sessions 1 (cont'd)

Alessandra Tinto, Fabio Bacchini, Angela Ferruzza, Tommaso Rondinella * (Istat, Italy), Barbara Baldazzi, Jan Van den Brakel, R.M.A. Willems, (CBS, Statistics Netherlands), Natalie Rosenski, Thomas Zimmermann (DESTATIS, Germany), Zsolt Andrási, Máté Farkas and Zsófia Fábián (HCSO, Hungary), Ralf Münnich, Florian Ertz (Trier University, Germany)

1.C. General issues related to dealing with globalisation – Room CC2
Chair: Albert Braakmann (Destatis, Germany)

1. ["Digitalization and globalization: Two challenges for the concept of production"](), Didier Blanchet (Insee, France)

2. ["GDP/GNI: Challenges arising from globalization"](), Marcin Bujnowski, Bogdan Marola * and Pekka Alajääskö (Eurostat)

3. [The EuroGroups Register](), August Götzfried, Zsolt Volfinger and Agne Bikauskaite (Eurostat)

4. ["How to deal with globalisation in the framework of national accounts"](), Peter van de Ven *, Nadim Ahmad and Paul Schreyer (OECD)

1.D. Measuring sustainable development – Room CC5
Chair: Ronald Jansen (UNSD)

1. ["Official data and population & environment"](), Maria do Carmo Dias Bueno * (IBGE, Brazil), Álvaro de Oliveira d'Antona and Pier Francesco de Maria (Universidade Estadual de Campinas, Brazil)

2. ["Statistics for measuring Sustainable Development Goals: Challenges, opportunities, progress and innovations"](), Angela Ferruzza *, Barbara Baldazzi, Giovanna Tagliacozzo et al. (Istat, Italy)

3. ["Identifying accelerators of sustainable development in Poland"](), Piotr Arak, Damian Olko and Wojciech Sabat (Deloitte, Poland)

4. ["Spatial and machine learning methods of satellite imagery analysis for Sustainable Development Goals"](), Jacinta Holloway *, Kerrie Mengersen and Kate Helmstedt (Queensland University of Technology, Australia)

1.E. Indigenous statistics: Time for an international response – Room CC18
Chair: Sam Notzon (US National Center for Health Statistics)

1. ["Official statistics and indigenous peoples – the state of play and recent developments"](), Per Axelsson (Umeå University, Sweden)

2. ["Improving lives of indigenous peoples through better statistics: Meeting policy and program needs"](), Michele Connolly (Co-Chair, International Group for Indigenous Health Measurement, International Association of Official Statistics, Indigenous Editor)

3. ["Statistics, rights and recognition: The identification of indigenous peoples"](), Kalinda Griffiths (Centre for Big Data Research in Health, University of New South Wales, Australia)

4. ["Visibility of indigenous peoples in sustainable development indicators"](), Richard Madden and Clare Coleman (University of Sydney, Australia)

13:00-14:30	*Lunch break*

14:30-16:00	Parallel sessions 2

2.A. Sustainable agriculture – Room CC16
   Chair: Jose Rosero Moncayo (FAO Statistics Director) *tbc*

1. "The increasing use of technology in the census of agriculture", Jairo Castano (FAO)
2. "Sustainable agriculture - agri-environmental performance by farm size based on FSS 2016 data in Hungary", Ágnes Patay (Hungarian Central Statistical Office)
3. "The place of agri-environmental statistics in describing sustainable agriculture", Ebba Barany (Eurostat)

2.B. Measurement of subjective well-being, methodological issues – Room CC5
   Chair: Carrie Exton (OECD)

1. "Modelling for improving measurement: Strategies for contextualization of well-being", Wlodzimierz Okrasa (Cardinal Stefan Wyszynski University, Warsaw) and Dominik Rozkrut (Statistics Poland)
2. "Measuring subjective well-being in national statistics: taking stock of recent OECD activities", Carrie Exton, Vincent Siegerink *, and Conal Smith
3. "Anchoring vignettes and the measurement of subjective well-being in the French SILC Survey", Jérôme Accardo (Insee, France)

2.C. Communication & statistical literacy, strategic issues – Room CC7
   Chair: Georges-Simon Ulrich (Swiss Federal Statistical Office)

1. "How are official statistics governed: A case study on developing trust and credibility in official statistics", Marika Pohjola (Statistics Finland)
2. "Trust in official statistics. An econometric search for determinants. The case of Luxembourg", Serge Allegrezza (STATEC, Luxembourg)
3. "Modernisation of data dissemination: Malaysia's practice", Mardziah Nawama and Kanageswary Ramasamy * (Statistics Malaysia)

2.D. From R&D statistics to innovation: China – Room CC18
   Chair: Peter van de Ven (OECD)

1. "Innovation survey practice in China", Yongxu Deng and Yin Li, Zhikang Jiao (National Bureau of Statistics of China) and Feng Zhen (Renmin University of China)
2. "The status quo and issues of R&D statistics in China", Jingping Li, Minxue Gao (Renmin University of China), Xiaojing Guan and Peng Zhang (National Bureau of Statistics of China)
3. "Joining firm innovation data with patent data, a practice of combining NSI Data with administrative data", Jia Gao, Lei Liu, Fengxin Li (State Intellectual Property Office of China), Peng Zhang (National Bureau of Statistics of China) and Feng Zhen (Renmin University of China)

2.E. New Directions for NSOs – Room CC2
   Chair: Misha Belkindas (Open Data Watch)

   Panel: Hermann Habermann (Committee on National Statistics, National Academy of Sciences), Oliver Chinganya (UN ECA), Heli Mikkelä (Statistics Finland) and Mart Mägi (Statistics Estonia)

   The sample survey foundation used by national statistics offices today has brought with it enormous success. The benchmark economic, social, demographic and cultural data that societies depend on usually comes from national statistical offices. At the same time NSOs are under tremendous pressure to change because of: accelerating demands for faster and more disaggregated information, reductions in budgets, unparalleled changes in technology, competition from the private sector, and the very use of accurate objective information in civil discourse. This session will present panellists views on how national statistical offices are adapting to the changing environment.

16:00-16:30	*Coffee break*
16:30-18:00	**Statistics as a trusted source of information** – **Plenary Room CC1** *Chair:* Mario Palma (President of IAOS) *Panel:* Martine Durand (Chief Statistician and Director of Statistics and Data, OECD), John Pullinger (National Statistician, United Kingdom), Julio Santaella (President of the National Institute of Statistics and Geography of Mexico), Genovefa Ružić (Director General of the Statistical Office of the Republic of Slovenia) National and global policy initiatives, day-to-day decisions by policy makers, businesses and citizens, all rely on accurate and quality information. National statistical offices and international organisations have worked continuously to extend the variety of statistics readily available to inform decision making. However, provision of official statistics does not automatically translate into use, especially in the context of an evolving environment with multiple and new data providers. A comparative advantage of official statistics is their quality, making them a reliable and trusted source of information. Drawing on the OECD's perspective and on experiences of the UK, Mexico and Slovenia, this panel will reflect on some of the elements affecting people's trust in statistics (such as professional independence, impartiality, quality and methodological soundness, transparency, accountability, reputation, etc.), as well as on how to improve its measurement. The panel will also discuss how to improve communication around trust in official statistics against other emerging data sources.
18:00-20:00	**Cocktail hosted by Insee – Salon du Parc** **Poster session** (see Annex page 12)

Day 2 – Thursday 20 September 2018

09:00-10:00	**Keynote speech – Plenary Room CC1** Introduction by Angela Me (UNODC): **Eduardo Sojo Garza-Aldape, General Director, National Laboratory of Public Policy (LNPP), Center for Economic Research and Teaching (CIDE), Mexico** SDGs, an inspiring framework to change the way we use and produce statistics. A user perspective
10:00-10:30	*Coffee break*
10:30-12:30	**Parallel sessions 3**

3.A. New technologies for compiling statistics – Room CC5
   Chair: Hermann Habermann (Committee on National Statistics, National Academy of Sciences)

1. "The necessity of using official statistics for censuses in African countries with reference to the Sudan case", Awad Hag Ali Ahmed (Neelain University, Sudan)

2. "Estimating fertility differentials by occupation and industry using the 2010 Korean census", Eunkoo Lee (Statistics Korea)

3. "Using spatial data to add value to official statistics on population: A case study on measuring resilience of urban development", Daniel Clarke * (UN ESCAP), Jean-Louis Weber and Trevor Clifford (international consultants)

4. "Remote sensing data for better statistics", Natalie Rosenski * and Clara Schartner (Destatis, Germany)

3.B. Indices and spatial approaches to the measurement of well-being – Room CC18
   Chair: Philomen Harrison (CARICOM)

1. "Why food security and poverty analysis must be anchored in the National Statistical Office", Ellen Cathrine Kiøsterud *, Astrid Mathiassen (Statistics Norway) and Inaam Mubark Mustafa Mohamed (Central Bureau of Statistics, Sudan)

2. "The Construction of well-being index of older people in Indonesia", Sri Hartini Rachmad and Ayesha Tantriana * (BPS Statistics, Indonesia)

3. "A socially sustainable economic growth: The example of Japan", Kelsey O'Connor *, Hiroshi Ono and Francesco Sarracino (STATEC, Luxembourg)

4. "The recent role of government in decreasing 'harmful inequality'", Tibor Keresztély, Ilona Cserháti and Ildikó Ritzlné Kazimir (Corvinus University of Budapest, Hungary)

3.C. International statistics: Beyond the simple collation of national official statistics – Room CC10
   Organiser: CCSA
   Chair: Stefan Schweinfest (UNSD)

Panel: Martine Durand (OECD), Angela Me (UNODC), Julio Santaella (INEGI, Mexico), Sibylle von Oppeln-Bronikowski (Destatis, Germany), Sabir Al-Harbi (GCC-Stat)

The session will focus on the value of international statistics to respond to regional and global policy needs and the challenges faced by international organisations to provide internationally comparable data and indicators that are of high quality, transparent and relevant to their constituencies. Presentations and discussion will cover the perspectives of national statistical offices and international organisations on the use of national official data in international statistics and adjustments or estimates that international organisations may make to ensure comparability and consistency.

| 10:30-12:30 | Parallel sessions 3 (Cont'd) |

3.D. International monitoring of the UN SDGs: Eurostat, JRC and OECD examples – Room CC2
Chair: Enrico Giovannini (University of Rome Tor Vergata, Italy)

1. "Eurostat's EU SDG monitoring activities", Nicola Massarelli (Eurostat)
2. "Science policy interface framework for SDGs Implementation", Apollonia Miola (European Commission)
3. "Measuring distance to the SDG targets: An assessment of where OECD countries stand", Michal Shinwell (OECD)
4. "What can business surveys contribute to SDGs?", Ellen Cathrine Kiøsterud * (Statistics Norway) and Anthony Krakah (Ghana Statistical Service)

3.E. Improving statistical literacy – Room CC7
Chair: Ola Awad (Palestinian Central Bureau of Statistics)

1. "New tools to improve statistical literacy – developments and projects - an ESS priority and reality", Louise Corselli-Nordblad and Britta Gauckler (Eurostat)
2. "Promotion of official statistics and communication strategies targeting different age groups in Palestine", Daliah Ibrahim Shaheen (Palestinian Central Bureau of Statistics)
3. "Africa's participation in the international statistical literacy project", Elieza Paul (International Statistical Literacy Project (ISLP, EASTC, Tanzania)
4. "Educational data dissemination: A case from Turkey", Yeliz Düşkün and Pelin Karakoca (Education Reform Initiative,Turkey)

3.F. Dealing with digitalisation – Room CC15
Chair: Jean-Pierre Cling (Insee, France)

1. "A review on measuring digital trade & e-commerce as new economic statistics products", Saeed Fayyaz (Statistical Center of Iran)
2. "How digitalization and globalization have remapped the global FDI network", Jannick Damgaard (National Bank of Denmark) and Thomas Elkjaer * (IMF)
3. "Economics of free mobile applications: Personal data", Vincent Lefrere and Grazia Cecere * (Institut Mines Telecom, TEM, France) and Fabrice Le guel (Université Paris Sud, France)
4. "Towards a framework for measuring the digital economy", Nadim Ahmad * (OECD) and Jennifer Ribarsky (US Bureau of Economic Analysis)

| 12:30-14:00 | *Lunch break* |

14:00-15:30	Parallel sessions 4

4.A. Well-being and the gender perspective – Room CC15
  Chair: Gemma Van Halderen (UN ESCAP)

  1. ["International collaboration to improve measurement of older people : Introducing the Titchfield City Group on Ageing and Age Disaggregated Statistics"](), Sarah Crofts (ONS, UK)
  2. ["Quality of life around the clock: contributions from harmonised European time use surveys"](), Paul Camenzind *, Teodora Tchipeva and Guillaume Blanc (Eurostat)
  3. ["Gender, use of time and well-being"](), Olinca Páez (INEGI, Mexico)

4.B. The use of social media in improving statistical literacy – Room CC5
  Chair: Sibylle von Oppeln-Bronikowski (Destatis, Germany)

  1. ["Using social media to improve the statistical awareness of users"](), Waleed Ameen Abdelkhalik Mohammed Abofdan (CAPMAS, Egypt)
  2. ["Social media communication: A new strategy to directly reach all users and consolidate their confidence in official statistics. Istat experience"](), Michela Troia *, Giulia Peci and Anna Maria Tononi (Istat, Italy)
  3. ["Use of social media to improve statistical literacy"](), Lida Kalhori Nadrabadi (TMU, Iran)

4.C. Integration of statistical and geospatial data and the SDGs – Room CC7
  Organiser: ESRI
  Chair: Linda Peters (ESRI)

  Panel: Kevin McCormack (Central Statistical Office Ireland), Florante Varona (Philippine Statistics Authority), Stefan Schweinfest (UNSD), Ola Awad (Palestinian Central Bureau of Statistics)

  This panel will discuss how GIS and geospatial technology can be used to help better understand, measure and monitor progress on the SDGs. We will also address the changing needs of data producers and data users and how GIS systems can be used to better communicate and engage with citizens, civil society and more.

4.D. Statistical evidence in policy making – Room CC2
  Chair: Johannes Jütting (PARIS21)

  1. ["Proposing a use of statistics indicator for national development plans"](), Rolando Avendano, Yu Tian, Barbara Yael Baredes (PARIS21)
  2. ["How a smart census solution significantly improves policy statistics"](), Nele Coghe (Hexagon Geospatial)
  3. "Using statistical evidence to inform policy – a UK perspective", Robert Bumpstead (Office for National Statistics, UK)

4.E. Globalisation and balance of payments issues – Room CC18
  Chair: Didier Blanchet (Insee, France)

  1. ["Retained earnings and global imbalances"](), Cian Allen (Trinity College Dublin, Ireland)
  2. ["Malaysian investment in the global economy: A study on the foreign affiliates performance"](), Kumutha Shanmugam, Kanageswary Ramasamy * and Rozita Misran (Statistics Malaysia)
  3. ["Reflecting global production arrangements in the balance of payments: Adapting the statistical process to the challenges of globalization"](), Tatiana Mosquera Yon (Banque de France) and Jens Walter (Deutsche Bundesbank, Germany)

15:30-16:00	*Coffee break*

16:00-16:30	**Awards Ceremony for Prize Winners – Plenary Room CC1**
	Young Scholars for Better Statistics Award:
	1. Milica Maricic, "Assessing the quality of life in the European Union: The European Index of Life Satisfaction (EILS)", (University of Belgrade, Serbia) - Veljko Jeremic and Milica Bulajic *(academic advisors)*
	2. Hong Anh Luu, "The technical conversion factor and its relation with the price ratio of processing livestock", (Vrije Universiteit Brussel) – Kris Boudt *(academic advisor)*
	3. Fritz Schiltz, "The added value of more accurate predictions for school rankings" (Katholieke Universiteit Leuven, Belgium) – Kristoff de Witte *(academic advisor)*
	2018 IAOS Prize for Young Statisticians:
	1. Helle Visk, "An index-based approach to determine partnership in register-based census", (Statistics Estonia)
	2. Christopher Fairbanks, "Reproducible analytical pipelines in offender management statistics", (UK Government Statistical Service)
	3. Hochang Choi, "Adjusting for linkage errors to analyse coverage of the Integrated Data Infrastructure (IDI) and the administrative population (IDI-ERP)", (Statistics New Zealand)
16:30-18:00	**Innovation challenges for official statistics – Plenary Room CC1** *Chair:* Mariana Kotzeva (Eurostat)
	Panel: Bertrand Loison (Swiss Federal Statistical Office), Jinwoo Park (Statistics Korea), Eric Rancourt (Statistics Canada), Michail Skaliotis (Eurostat)
	To cater for the emerging topics where policy evidence is needed, and taking resource constraints into account, the present infrastructure of official statistics might not be sufficiently agile. Official statistics should be able to innovate, taking advantage of new technologies and new data sources with the objective to increase relevance and accuracy while reducing costs. The session will address two main topics: (i) How could new data sources be exploited? Access to new data sources requires new partnerships and engagement by the official statistics community with the private sector in new ways (pooling, partnerships, APIs, intermediaries…). *At this session, current and future innovative approaches to explore new data sources will be discussed with a view to identify best practices.* (ii) How could the integrity of all citizens and stakeholders be preserved? New technology and new methodology is sometimes presented as a potential solution to privacy issues. What is the "next big thing" in assuring statistical confidentiality while maximising access to data? Blockchain technology is presented as an approach that could provide secure and tamper-proof data. But maybe it's just another technology fad? And how does the irreversibility of Blockchain transactions rhyme with the right to correction? *This session will discuss current and future innovations in the field of data protection for official statistics.*
18:00-19:00	**IAOS General Assembly – Plenary Room CC1**
Up to 19:15	Coaches pick-up
20:00-22:45	**Conference dinner cruise on a « Bateaux Mouches »**

Day 3 – Friday 21 September 2018

09:00-10:00	**Keynote Speech – Plenary Room CC1** Introduction by Kees Zeelenberg (Statistics Netherlands): **Selma Mahfouz, Director of Research, Studies and Statistics, French Ministry of Labour** Measurement and policy implications of changes in the labour market
10:00-10:30	*Coffee break*
10:30-12:30	**Parallel sessions 5**

5.A. Regional and international comparisons – Room CC4
Chair: Mohd Uzir Mahidin (Director General of DOSM, Malaysia)

1. "Evaluation of data qualities from national data sources in Africa", Xuan Che *, Oliver Chinganya and Joseph Tinfissi Ilboudo (UNECA)

2. "New approaches to confidentiality and microdata access for scientific purposes: Making the most of European statistics", Wim Kloek *, Aleksandra Bujnowska and Fabian Bach (Eurostat)

3. "Regional statistics agency as a change agent - experiences of GCC-Stat in assisting the transformation of NSIs in the Gulf region", Salah Al Muzahmi *, Sabir Al Harbi and Nancy McBeth (GCC-Stat)

4. "Statistical maturity project: Tool to enhance data quality in the Abu Dhabi statistical system", Maamoon Adeeb Kassab and Mohammed Saif Al Eghfeli * (Statistics Centre Abu Dhabi, UAE)

5.B. Use of administrative data for compiling statistics – Room CC7
Chair: Jean-Pierre Le Gléau (Société Française de Statistique)

1. "Using administrative registers to verify information obtained from official surveys", Gustavo Tavares Lameiro da Costa * and Pedro Luis do Nascimento Silva (IBGE, Brazil)

2. "Continuing to unlock the potential of new and existing data sources", Leigh Merrington (ABS, Australia)

3. "The changing role of the Census in Australia's integrated data landscape", Ross Watmuff and James Mowle * (ABS, Australia)

4. "An index-based approach to determine partnership in register-based census", Helle Visk (Statistics Estonia)

5.C. Country experiences in measuring well-being – Room CC2
Chair: Carlotta Balestra (OECD)

1. "The inequality effect in the well-being of European OECD countries: A new perspective on data addressing the multidimensionality of the concepts", Daniela Craveiro * (CSG/SOCIUS, Universidade de Lisboa & CIS-IUL, Instituto Universitário de Lisboa), Maria do Carmo Botelho, Nuno Filipe Nunes (CIES-IUL, Instituto Universitário de Lisboa) and Rosário Mauritti (ESS, Universidade de Évora & CIES-IUL, Instituto Universitário de Lisboa)

2. "How Welsh statisticians are helping to measure the progress of a nation", Glyn Jones, Sue Leake * and Andrew Charles (Welsh Government)

3. "Individual and contextual factors related to subjective well-being: An analysis of the evolution during and after the recession in Italy", Rita de Carli, Alessandra Tinto *, Silvia Montecolle, Miria Savioli and Sante Orsini (Istat, Italy)

4. "Assessing the quality of life in the European Union: The European Index of Life Satisfaction (EILS)", Milica Maricic (University of Belgrade, Serbia)

10:30-12:30	Parallel sessions 5 (Cont'd)

5.D. How to talk to journalists about statistics? And for which outcome? – Room CC5
Chair: Eduardo Barredo Capelot (Eurostat)

1. "Description of the MEDSTAT IV project", Thierry Paccoud (MEDSTAT IV)
2. "How to talk to Journalists about statistics? And for which outcome?", Nibal Thawabteh (free-lance journalist and University teacher, Palestinian Authority)
3. "Perspective of a journalist", Amiram Barkat (journalist, Israel)
4. "Perspective of a participant from a statistical office", Kamel Gaanoun (HCP, Morocco)

5.E. Are drug statistics part of official statistics? – Room CC18
Chair: Mario Palma (President of IAOS)

1. "The experience of a national statistical office to estimate the size of the drug market", Federico Sallusti (Istat, Italy)
2. "What statistical information is needed for better drug policies", John Collins (London School of Economics, UK)
3. "Challenges related to national and global data collection systems related to drugs", Angela Me (UNODC)

5.F. Urbanisation and sustainable cities – Room CC16
Chair: Ronald Jansen (UNSD)

1. "How to better describe land take? A new classification applied to mainland France", Joyce Sultan Parraud, Mathilde Poulhes and Colin Albizzati (Ministry of Sustainable Development, France)
2. "Canada's statistics on land cover and land use change in metropolitan areas", Jennifer Wang (Statistics Canada)
3. "A scenario for the new official French urban areas zoning", Marie-Pierre de Bellefon, (Insee, France)

12:30-14:00	Lunch break

14:00-15:30	Parallel sessions 6

6.A. Central role of national statistical offices – Room CC7
Chair: Cynthia Clark (Council of Professional Associations for Federal Statistics, United States)

1. "Evolving statistics, transforming decisions", Jeremy Heng (Ministry of Manpower, Singapore)
2. "Using what keeps official statistics fit for any time and place for building a wider information (evidence) system for developing and applying policy ", Leonard Warren Cook * (Victoria University of Wellington, New Zealand) and Vince Galvin (Statistics New Zealand)
3. "The future role of official statistics in the business data arena", Stefano Menghinello, Alessandro Faramondi (Istat, Italy) and Tiziana Laureti (Tuscia University, Italy)

14:00-15:30	Parallel sessions 6 (Cont'd)

6.B. Communication in schools and universities – Room CC5
Chair: Kirsten West (Editor of the IAOS Statistical Journal - SJIAOS)

1. ["Teaching basic statistics using integrated global census and survey data"](), Lara Cleveland *Miriam King and Kristen Jeffers (IPUMS, University of Minnesota, USA)
2. ["Teaching official statistics in universities: Some recommendations from a direct exience"](), Linda Porciani and Tommaso Rondinella * (Istat, Italy)
3. "Making official statistics usable by non-statisticians - novel tools for reducing the skill barriers to using official statistics", Andrew Sporle *, Chris Wild, Daniel Barnett and Alexander Stuteley (University of Auckland, New Zealand)

6.C. Experimental, survey, and administrative approaches to measuring trust – Room CC2
Chair: Denise Lievesley (Green Templeton College)

1. "The Tangentopoli anti-corruption process and trust in institutions – experimental evidence from Trustlab Italy", Arnstein Aassve *, Marco Lemoglie and Francesco Mattioli (Bocconi University, Italy)
2. "Trust in other people and health – survey evidence from Colombian city level data", Lina Maria Martinez Quintero (ICESI University, Colombia)
3. ["Trust and its Determinants: Evidence from the Trustlab Experiment"](), Fabrice Murtin, Lara Fleischer, Vincent Siegerink (OECD), Arnstein Aassve (Bocconi University), Yann Algan (Sciences Po Paris) et al.

6.D. Developing a global definition of cities and settlements for statistical purposes – Room CC16
Organiser: SCORUS
Chair: Teodóra Brandmüller (Chair of SCORUS, Eurostat)

1. ["Defining the economic boundaries of cities. A global application"](), Paolo Veneri *, Ana Moreno Monroy (OECD) and Marcello Schiavina (JRC, EC)
2. ["Applying The Degree Of Urbanisation To The Globe: A New Harmonised Definition Reveals A Different Picture Of Global Urbanisation"](), Lewis Dijkstra *, Aneta Florczyk, Sergio Freire, Thomas Kemper and Martino Pesaresi (European Commission)
3. ["Degree of urbanisation in Brazil"](), Maria do Carmo Dias Bueno * and Ricardo Neves de Souza Lima (IBGE, Brazil)

15:30-16:00	*Coffee break*
16:00-17:00	**Closing session on the key outcomes of the conference – Plenary Room CC1**

1. "Measuring greenhouse gases emissions in some industries and mitigation actions required in Egypt", MennatAllah AbouHasswa (CAPMAS, Egypt)

2. "Energy consumption in the French residential sector: How much do individual preferences matter?" Salomé Bakaloglou and Dorothée Charlier (Université de Montpellier, France)

3. "The potential, challenges and necessity of using information from national health registers in the production of official health statistics in Norway", Arne Jensen (Statistics Norway)

4. "Adding value of official statistics - upgrade of Slovenian School Performance Feedback system (SPFS) with individual's contextual data - feasibility study", Gašper Cankar and Darko Zupanc (National Examinations Centre, Slovenia)

5. "Modernising statistical data dissemination, the rewards, and the legal compliance considerations around GDPR (Case study - Office for National Statistics UK, Census 2021)", Aine McGuire, Samantha Hall, Darren Barnes and Duncan Harris (Sensible Code Company)

6. "Stochastic dominance approach to OECD's Better Life Index", Tahsin Mehdi (Statistics Canada)

7. "Well-being and quality of life in Morocco", Khalid Soudi (High Commission for Planning - Morocco)

8. "Supporting Abu Dhabi's decision makers: SCAD's Executive Dashboard", Mohamed Al Shehhi, Greg Pole and Muna Al Suwaidi (Statistics Centre Abu Dhabi, UAE)

9. "Impact of climate change on trade of agricultural commodities", Paolo Agnolucci, Carole Dalin and Chrysanthi Rapti (University College London)

10. "The impact of renewable energy development on carbon emission reduction", Hagar Emadeldin Abdelhamid Ali (CAPMAS, Egypt)

11. "Agricultural employment of rural women, a less rewarding occupation", Fatima Arbani (High Commission for Planning, Morocco)

12. "Use of big data for the Egyptian statistics office: Opportunities, challenges and risks", Haidy Samy Mohamed Mahmoud (CAPMAS, Egypt)

13. "Challenges in measuring poverty in developing countries (on the example of Latin America)", Alena Massarova (Peoples' Friendship University of Russia)

14. "New electronic data delivery system of Central Bank of the Republic of Turkey", Şeyma Serdengeçti, Adnan Eken, Burcu Çakmak and Avni Arıkan (Central Bank of the Republic of Turkey)

15. "Autonomy and the good life. Implementing the freedom to choose in the measurement of multidimensional well-being", Leonie Steckermeier (Otto-von-Guericke University Magdeburg, Germany)

16. "Statistic's importance to assess food security in the 2030 agenda", Said Saghir Zarouali (High Commission for Planning, Morocco)

17. "Explaining and understanding manpower statistics", Eugenia Goh (Manpower Research & Statistics Department, Ministry of Manpower, Singapore)

18. "The added value of more accurate predictions for school rankings", Fritz Schiltz (Katholieke Universiteit Leuven, Belgium)

19. "The technical conversion factor and its relation with the price ratio of processing livestock", Hong Anh Luu (Vrije Universiteit Brussel) – Kris Boudt (academic advisor)

20. "New challenge of official food and drug statistics in Republic of Korea", WooSun Lee, JongWook Kim, Inmook Na (ICT Management and Statistics Office, Ministry of Food and Drug Safety(MFDS), Republic of Korea

21. "The future role of global statistical system: Enhancement of relevance and quality of official statistics", Maria Joao Santos (Eurostat)