

62nd ISI World Statistics Congress 2019 (ISI WSC 2019)
18 – 23 August 2019 in Kuala Lumpur, Malaysia
Invited Paper Sessions (IPS) Programme Schedule

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-103	FINANCIAL TIME SERIES MODELING, COUNT DATA, HIGH FREQUENCY, AND VOLATILITY	BOVAS ABRAHAM, UNIVERSITY OF WATERLOO	THEHKKEDAM RAMANATHAN, UNIVERSITY OF PUNE TOPIC: INFINITE REGIME AUTOREGRESSIVE CONDITIONAL DURATION MODELS GIOVANNI MEROLA, XI'AN JIAOTONG-LIVERPOOL UNIVERSITY TOPIC: IMPROVED ESTIMATION OF WEALTH INDICES FROM ASSET COUNTS AERA THAVANESWARAN, UNIVERSITY OF MANITOBA TOPIC: RISK FORECASTING USING GENERALIZED AUTOREGRESSIVE ESTIMATING FUNCTION DRIVEN MODELS CHAIR: KANCHAN JAIN, PUNJAB UNIVERSITY
19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-115	STATISTICAL AND DATA LITERACY EDUCATION FOR LIFE	HELEN MACGILLIVRAY, ISI PRESIDENT	HELEN MACGILLIVRAY, ISI PRESIDENT TOPIC: GETTING THE FOUNDATIONS RIGHT REIJA HELENIUS, STATISTICS FINLAND TOPIC: ISLP CHALLENGES ALTERNATIVE TRUTHS MATTHEW PARRY, UNIVERSITY OF OTAGO TOPIC: TURNING DATA USERS INTO DATA SCIENTISTS JAMES ROBERT NICHOLSON, UNIVERSITY OF DURHAM TOPIC: CREATING DATA-RICH TOOLS FOR DECISION MAKERS: THE CASE OF THE CONSTITUENCY EXPLORER DISCUSSANT: GAIL BURRILL, MICHIGAN STATE UNIVERSITY CHAIR: JOHN HARRAWAY, OTAGO UNIVERSITY

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19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-147	BUILDING FUTURE GENERATIONS OF STATISTICIANS THROUGH OUTREACH	AYSE AYSIN BILGIN, DIRECTOR OF THE MAJOR IN STATISTICS MACQUARIE UNIVERSITY, NSW 2109, AUSTRALIA	<p>AYSE AYSIN BILGIN, DEPARTMENT OF STATISTICS, MACQUARIE UNIVERSITY, NSW 2109, AUSTRALIA TOPIC: STATISTICS: YOUR TICKET TO ANYWHERE!</p> <p>ROSSI HASSAD, MERCY COLLEGE, NEW YORK CITY, US TOPIC: EPIDEMIOLOGICAL CONCEPTS AS A FOUNDATION FOR INDUCTIVE REASONING IN HARNESSING THE POTENTIAL OF BIG DATA FOR EVIDENCE-BASED HEALTHCARE</p> <p>PETER HOWLEY, NEWCASTLE UNIVERSITY, NEWCASTLE, AUSTRALIA TOPIC: TBA</p> <p>DAVID STERN, UNIVERSITY OF READING, READING, UK TOPIC: REINVENTING A DESIGN GAME TO TEACH REAL WORLD DATA SKILLS THROUGH SIMULATED DATA</p> <p>DISCUSSANT: MANFRED BOROBNICK, UNIVERSITY OF KLAGENFURT, AUSTRIA</p> <p>DISCUSSANT: MARIA DEL CARMEN FABRIZIO, FACULTY OF AGRICULTURE, UNIVERSITY OF BUENOS AIRES, ARGENTINA</p> <p>CHAIR: CATERINA PRIMI, NEUROFARBA – SECTION OF PSYCHOLOGY, UNIVERSITY OF FLORENCE, ITALY</p>

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19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-152	SPECIAL PURPOSE ENTITIES: RELEVANCE AND IMPACT OF HARMONIZED CONCEPTS AND MEASUREMENT CHALLENGES	TJEERD JELLEMA, EUROPEAN CENTRAL BANK	<p>GIOVANNA BUA, CENTRAL BANK IRELAND TOPIC: IRISH SPECIAL PURPOSE VEHICLES (SPVS): CONCEPTS AND CHALLENGES OF THE IMPLEMENTATION OF THE NEW DEFINITION OF THE IMF TASK-FORCE</p> <p>PAUL FEUVRIER, BANQUE CENTRAL DE LUXEMBOURG TOPIC: IMF TASK FORCE FINAL REPORT ON SPECIAL PURPOSE ENTITIES (SPES): COMPILATION ISSUES AND IMPLEMENTATION IN LUXEMBOURG</p> <p>SAMI HAMROUSH, OFFICE OF NATIONAL STATISTICS, UK TOPIC: SPECIAL PURPOSE ENTITIES: RELEVANCE AND IMPACT OF HARMONISED CONCEPTS AND MEASUREMENT CHALLENGES – UK CONTRIBUTION</p> <p>RYAN NOONAN, BUREAU OF ECONOMIC ANALYSIS TOPIC: PASS-THROUGH EQUITY IN NONRESIDENT SPECIAL PURPOSE ENTITY AFFILIATES OF U.S. MULTINATIONAL ENTERPRISES</p> <p>DISCUSSANT: CARLOS SANCHEZ-MUNOZ, IMF DISCUSSANT: PETER VAN DE VEN, OECD CHAIR: CAROLINE WILLEKE, EUROPEAN CENTRAL BANK</p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-153	TRANSFORMING POPULATION AND MIGRATION STATISTICS WITH ADMINISTRATIVE DATA	ANN BLAKE, OFFICE FOR NATIONAL STATISTICS	<p>JAMES BROWN, UNIVERSITY OF TECHNOLOGY SYDNEY TOPIC: POPULATION ESTIMATION FROM ADMINISTRATIVE SOURCES; DISCUSSION OF SOME OF THE METHODOLOGICAL CHALLENGES WITH POTENTIAL SOLUTIONS</p> <p>BECKY TINSLEY, OFFICE FOR NATIONAL STATISTICS TOPIC: INTERNATIONAL APPROACHES TO ADMIN-BASED POPULATION ESTIMATES (OFFICE FOR NATIONAL STATISTICS, UK)</p> <p>CHRISTINE BYCROFT, STATISTICS NEW ZEALAND TOPIC: PROGRESS IN NEW ZEALAND USING LINKED ADMINISTRATIVE SOURCES FOR THE CENSUS AND POPULATION STATISTICS</p>

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					<p>JOHN DUNNE, CENTRAL STATISTICS OFFICE, IRELAND TOPIC: ESTIMATION OF GROSS POPULATION FLOWS WHEN STATISTICAL POPULATION DATASETS (SPDS) ARE INCOMPLETE</p> <p>JAY LINDOP, OFFICE FOR NATIONAL STATISTICS TOPIC: UK PROGRESS ON PUTTING ADMINISTRATIVE DATA AT THE CORE OF MIGRATION STATISTICS</p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-154	RECENT DEVELOPMENTS IN DISCRETE MODELS	SENG HUAT ONG, UCSI UNIVERSITY	<p>SENG HUAT ONG, UNIVERSITY OF MALAYA, UCSI UNIVERSITY TOPIC: BIVARIATE GENERALIZED INVERSE TRINOMIAL AND RELATED DISTRIBUTIONS</p> <p>RAMESH C. GUPTA, UNIVERSITY OF MAINE ORONO TOPIC: LOG-CONCAVITY OF DISCRETE DISTRIBUTIONS</p> <p>CELESTIN KOKONENDJI, UNIVERSITÉ BOURGOGNE FRANCHE-COMTÉ - UFR SCIENCES ET TECHNIQUES UFC TOPIC: RELATIVE DISPERSION INDEXES FOR MULTIVARIATE COUNT DISTRIBUTIONS</p> <p>KIMBERLY F SELLERS, GEORGETOWN UNIVERSITY, WASHINGTON TOPIC: THE CONWAY-MAXWELL-POISSON STOCHASTIC PROCESS FOR DISPERSED COUNT DATA</p> <p>SHIN ZHU SIM, UNIVERSITI TUNKU ABDUL RAHMAN TOPIC: STATISTICAL INFERENCE FOR A FAMILY OF COUNT DISTRIBUTIONS FOR MODELLING DISPERSION</p> <p>SUBRATA CHAKRABORTY, DIBRUGARH UNIVERSITY, ASSAM, INDIA TOPIC: CURATE RATE MODELS UNDER DIFFERENT ACTIVATION SCHEMES: ROLE OF DISCRETE DISTRIBUTIONS</p>

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19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-155	IMPROVING ACCESS TO AND SHARING OF GRANULAR DATA – INTERNATIONAL EXPERIENCES	CHRISTIAN HIRSCH, DEUTSCHE BUNDESBANK	<p>CHRISTIAN HIRSCH, DEUTSCHE BUNDESBANK TOPIC: INTRODUCTION TO INEXDA'S METADATA SCHEMA</p> <p>RENAUD LACROIX, BANQUE DE FRANCE TOPIC: TBA</p> <p>LAURA BARTILORO, BANCA D'ITALIA TOPIC: HOW BANCA D'ITALIA DISSEMINATES GRANULAR STATISTICS TO EXTERNAL RESEARCHERS: THE CASE OF FIRMS' AND HOUSEHOLDS' SURVEY DATA</p> <p>MANUEL SÁNCHEZ VALADEZ, BANCO DE MÉXICO TOPIC: SHARING AND USING FINANCIAL MICRODATA</p> <p>BERKAY AKIŞOĞLU, CENTRAL BANK OF THE REPUBLIC OF TURKEY TOPIC: DATA SHARING UNDER CONFIDENTIALITY: THE CBRT CASE CHAIR: MAURICE BRANDT, DESTATIS</p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-157	ANALYSIS OF HIGH-DIMENSIONAL SPATIO-TEMPORAL PROCESSES WITH APPLICATIONS IN ENVIRONMENTAL STUDIES	GIOVANNA JONA LASINIO, DEP. OF STATISTICAL SCIENCES- SAPIENZA UNIVERSITY OF ROME, ITALY	<p>RUEY TSAY, UNIVERSITY OF CHICAGO, BOOTH SCHOOL OF BUSINESS TOPIC: ANALYSIS OF HIGH-FREQUENCY SPATIO-TEMPORAL DATA</p> <p>NOEL CRESSIE, UNIVERSITY OF WOLLONGONG, AUSTRALIA TOPIC: DIMENSION-REDUCED INFERENCE FOR SPATIO-TEMPORAL CHANGES OF ARCTIC SEA ICE</p> <p>SONG-XI CHEN, PEKING UNIVERSITY, CHINA, AND IOWA STATE UNIVERSITY TOPIC: ASSESSMENT OF BEIJING'S AIR POLLUTION WITH ADJUSTMENT TO METEOROLOGICAL CONFOUNDING</p> <p>NAN-JUNG HSU, GRADUATE INSTITUTE OF STATISTICS, NATIONAL TSING-HUA UNIVERSITY, TAIWAN TOPIC: HIGH-DIMENSIONAL MATRIX AUTOREGRESSIVE MODELS WITH APPLICATIONS TO SPATIAL LATTICE DATA DISCUSSANT: HSIN-CHENG HUANG, INSTITUTE OF STATISTICAL SCIENCE, ACADEMIA SINICA CHAIR: CHUN-HOUH CHEN, INSTITUTE OF STATISTICAL SCIENCE, ACADEMIA SINICA</p>

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19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-178	FOR BETTER STATISTICS; GOOD COMMUNICATION BETWEEN USERS AND COMPILERS	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	<p>BAREND CHRISTOFFEL DE BEER, SOUTH AFRICAN RESERVE BANK TOPIC: STAKEHOLDER ENGAGEMENT THROUGHOUT THE STATISTICAL VALUE CHAIN – VIEWS FROM SOUTH AFRICA</p> <p>KUNIKO MORIYA, BANK OF JAPAN TOPIC: THE IMPORTANCE OF COMMUNICATION BETWEEN COMPILERS AND USERS IN IMPROVING THE QUALITY OF STATISTICS: THE BANK OF JAPAN'S EXPERIENCE</p> <p>SANA ANTOINE SOUAID JAD, CENTRAL BANK OF LEBANON TOPIC: COMMUNICATING ON LEBANESE INFLATION: DECIPHERING THE IMPACT OF IMPORTED INFLATION</p> <p>STEPHAN MÜLLER, DEUTSCHE BUNDESBANK TOPIC: INTERNAL COMMUNICATION WITH USERS AT THE DEUTSCHE BUNDESBANK: IMPROVING STATISTICS AND ANALYTICS</p> <p>TIM DANNER, NETHERLANDS BANK TOPIC: BRINGING USERS AND COMPILERS TOGETHER – EFFECTIVE BUILDING ON DATADRIVEN SUPERVISION</p> <p>SYBILLE LUHMANN, EUROSTAT TOPIC: LET'S TALK! – COMMUNICATING STATISTICS ACROSS EUROPE THROUGH THE DIGICOM PROGRAMME</p> <p>CHAIR: NARUKI MORI, BANK OF JAPAN</p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-192	PROVIDING OFFICIAL STATISTICS FOR SMALL AREAS	BALGOBIN NANDRAM, WORCESTER POLYTECHNIC INSTITUTE	<p>BALGOBIN NANDRAM, WORCESTER POLYTECHNIC INSTITUTE TOPIC: A BAYESIAN APPROACH TO PROVIDING OFFICIAL STATISTICS FOR WARDS IN THE NEPAL CENSUS</p> <p>HUKUM CHANDRA, INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE TOPIC: SMALL AREA PREDICTION OF COUNTS UNDER NONPARAMETRIC GENERALIZED LINEAR MIXED MODEL</p>

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					<p>DHIMAN BHADRA, PRODUCTION AND QUANTITATIVE METHODS AREA, INDIAN INSTITUTE OF MANAGEMENT AHMEDABAD, INDIA TOPIC: ESTIMATION OF MEDIAN HOUSEHOLD INCOME FOR SMALL AREAS : A BAYESIAN SEMIPARAMETRIC APPROACH</p> <p>SANJAY CHAUDHURI, NATIONAL UNIVERSITY OF SINGAPORE TOPIC: COVARIANCE BASED MOMENT EQUATIONS FOR IMPROVED VARIANCE COMPONENT ESTIMATION</p> <p>CHAIR: RAY CHAMBERS, UNIVERSITY OF WOLLONGONG, AUSTRALIA</p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-254	STRATIFIED PSYCHIATRY AND PRECISION MEDICINE	THADDEUS TARPEY, NEW YORK UNIVERSITY	<p>IAN WRAY MCKEAGUE, COLUMBIA UNIVERSITY TOPIC: FUNCTIONAL DATA AND WEARABLE DEVICES</p> <p>THADDEUS TARPEY, NEW YORK UNIVERSITY TOPIC: STATISTICAL MODELING FOR PSYCHIATRIC NOSOLOGY</p> <p>TODD OGDEN, COLUMBIA UNIVERSITY TOPIC: DISTANCE-BASED APPROACHES TO PRECISION MEDICINE</p> <p>ADAM CIARLEGIO, GEORGE WASHINGTON UNIVERSITY TOPIC: HANDLING MISSING SCALAR AND FUNCTIONAL DATA IN INTEGRATIVE ANALYSIS WITH APPLICATIONS TO MENTAL HEALTH RESEARCH</p> <p>CHAIR: EVA PETKOVA, NEW YORK UNIVERSITY</p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-280	IMPROVING SURVEY DESIGNS FOR OFFICIAL STATISTICS: EXPERIENCES FROM SOME SOUTHEAST ASIAN COUNTRIES	KEVIN CARL SANTOS, SCHOOL OF STATISTICS, UNIVERSITY OF THE PHILIPPINES - DILIMAN	<p>THY VEUN, NATIONAL INSTITUTE OF STATISTICS CAMBODIA TOPIC: SAMPLING DESIGN PROPOSAL FOR HOUSEHOLD SURVEY IN CAMBODIA WITH PROVINCIAL DOMAIN</p> <p>MAE ABIGAIL MIRALLES, PHILIPPINE STATISTICS AUTHORITY TOPIC: MODEL-ASSISTED ESTIMATION USING PANEL DATA AND DATA FROM INDEPENDENT SAMPLES FOR THE FAMILY INCOME AND EXPENDITURE SURVEY</p> <p>SOMSAMAY NORASANE, LAO STATISTICS BUREAU TOPIC: SURVEY DESIGN FOR QUARTERLY LABOR FORCE SURVEY IN LAO P.D.R.</p>

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					<p>JAY MANLAPAZ, PHILIPPINE STATISTICS AUTHORITY TOPIC: RESEARCH REPORT ON THE REDESIGNING OF THE BACKYARD LIVESTOCK AND POULTRY SURVEY</p> <p>DIVINA GRACIA L. DEL PRADO, PHILIPPINE STATISTICS AUTHORITY TOPIC: REDESIGNING OF PALAY PRODUCTION SURVEY</p> <p>CHAIR: KEVIN CARL PENA SANTOS, UNIVERSITY OF THE PHILIPPINES</p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-29	STATISTICAL META-ANALYSIS WITH APPLICATIONS IN HEALTH SCIENCES	SHAHJAHAN KHAN, UNIVERSITY OF SOUTHERN QUEENSLAND, AUSTRALIA	<p>SUHAIL A R DOI, QATAR UNIVERSITY TOPIC: SELECTING THE BEST META-ANALYTIC ESTIMATOR FOR EPIDEMIOLOGY: A SIMULATION STUDY</p> <p>LUIS FURUYA-KANAMORI, AUSTRALIAN NATIONAL UNIVERSITY TOPIC: THE DOI PLOT AND THE LFK INDEX FOR DETECTING BIAS IN META-ANALYSIS</p> <p>MUHAMMED ASHRAF MEMON, UNIVERSITY OF QUEENSLAND TOPIC: PERIOPERATIVE OUTCOMES OF LAPAROSCOPIC ASSISTED RECTAL RESECTION (LARR) VS OPEN RECTAL RESECTION (ORR) FOR CARCINOMA: A META-ANALYSIS AND SYSTEMATIC REVIEW</p> <p>ROSSITA M YUNUS, UNIVERSITY OF MALAYA TOPIC: META-ANALYSIS AND SYSTEMATIC REVIEW OF RANDOMIZED CONTROLLED TRIALS COMPARING LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS (LRYGB) VERSUS LAPAROSCOPIC VERTICAL SLEEVE GASTRECTOMY (LVSG) FOR WEIGHT LOSS OUTCOMES</p> <p>DISCUSSANT: LOUISE M RYAN, UNIVERSITY TECHNOLOGY SYDNEY DISCUSSANT: SUHAIL A R DOI, QATAR UNIVERSITY CHAIR: SHAHJAHAN KHAN, UNIVERSITY OF SOUTHERN QUEENSLAND</p>

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19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-294	INCREASING DOMAIN EXPERTS' ENGAGEMENT WITH STATISTICS THROUGH STATISTICAL COLLABORATION LABORATORIES	ERIC VANCE, LISA-UNIVERSITY OF COLORADO BOULDER	<p>BHASWATI GANGULI, UNIVERSITY OF CALCUTTA, INDIA TOPIC: UNIVERSITY - INDUSTRY PARTNERSHIPS: EXPERIENCES FROM INDIA</p> <p>KASSAHUN TRUEHA, WOLKITE UNIVERSITY, ETHIOPIA TOPIC: THE IMPACT OF STATISTICAL COLLABORATION CENTER ON NON – STATISTICIAN, WOLKITE UNIVERSITY, ETHIOPIA</p> <p>MUHAMMAD AMIN, NUCLEAR INSTITUTE FOR FOOD AND AGRICULTURE, PAKISTAN TOPIC: ENHANCING FOOD SECURITY IN PAKISTAN WITH ADVANCED STATISTICAL KNOWLEDGE AND TOOLS THROUGH EFFECTIVE STATISTICAL COLLABORATION</p> <p>MONDAY OSAGIE ADENOMON, NASAWARA STATE UNIVERSITY, KEFFI, NIGERIA TOPIC: BUILDING MANPOWER IN THE FIELD OF STATISTICAL SCIENCES FOR BUSINESS AND INDUSTRY IN NORTH CENTRAL NIGERIA. DISCUSSANT: ERIC VANCE, LISA-UNIVERSITY OF COLORADO BOULDER CHAIR: ATINUKE OLUSOLA ADEBANJI, KWAME NKRU MAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, GHANA</p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-355	ISI HISTORY SESSION	PETER GUTTORP, NORWEGIAN COMPUTING CENTER	<p>JEAN-LOUIS BODIN, FORMER ISI PRESIDENT, FRANCE TOPIC: A VIEW ON 50 YEARS OF LIFE OF THE ISI: (WITH A FOCUS ON ISI RELATIONS WITH OFFICIAL STATISTICS)</p> <p>GEORG LINDGREN, LUND UNIVERSITY, SWEDEN TOPIC: STEVE O. RICE (1907 – 1986) – INSPIRED BY RANDOM NOISE, INSPIRING STATISTICS RESEARCH</p> <p>AMANDA L GOLBECK, UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES, USA TOPIC: ELIZABETH L. SCOTT: A PORTRAIT OF THE STATISTICIAN AS A YOUNG WOMAN</p>

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					PANEL DISCUSSION WITH: THORDIS THORARINSDOTTIR, NORWEGIAN COMPUTING CENTER, OSLO, NORWAY WENDY MARTINEZ, BUREAU OF LABOR STATISTICS, WASHINGTON, DC, USA CHAIR: PETER GUTTORG, NORWEGIAN COMPUTING CENTER
19TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-65	STATISTICS IN FORENSIC SCIENCE	TAMANNA HOWLADER, UNIVERSITY OF DHAKA	KAREN KAFADAR, UNIVERSITY OF VIRGINIA TOPIC: THE CRITICAL ROLE OF STATISTICS IN FORENSIC SCIENCE MICHEAL E. SCHUCKERS, ST. LAWRENCE UNIVERSITY TOPIC: ERROR RATE ESTIMATION FOR BIOAUTHENTICATION IN FORENSICS SVETLANA BOROVKOVA, VRIJE UNIVERSITEIT AMSTERDAM / PROBABILITY & PARTNERS TOPIC: ESTIMATING DAMAGES IN THE LARGEST EU CARTEL CASE DISCUSSANT: VIJAY NAIR, UNIVERSITY OF MICHIGAN CHAIR: JANE L HUTTON, THE UNIVERSITY OF WARWICK
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-108	ADVANCES IN OPTIMAL DESIGN CONSTRUCTION AND APPLICATIONS	WENG KEE WONG, UCLA	WENG KEE WONG, UNIVERSITY OF CALIFORNIA TOPIC: ON USE OF METAHEURISTIC ALGORITHMS FOR FINDING OPTIMAL DESIGNS JONATHAN SCHILDCROUT, VANDERBILT UNIVERSITY TOPIC: RESPONSE DRIVEN STUDY DESIGNS FOR MULTIVARIATE LONGITUDINAL DATA RONG-XIAN YUE, SHANGHAI NORMAL UNIVERSITY TOPIC: D-OPTIMAL DESIGN FOR THE BERMAN'S MODEL ON AN ARC SELIN DALMA AHIPASAOGLU, SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN TOPIC: AN EXACT ALGORITHM FOR THE OPTIMAL EXPERIMENTAL DESIGN PROBLEM CHAIR: HAN-MING (HANK) WU, NATIONAL TAIPEI UNIVERSITY

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19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-176	STATISTICAL CHALLENGES IN THE MONITORING OF COMMERCIAL PROPERTY MARKETS	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	<p>JENS MEHRHOFF, EUROSTAT TOPIC: COMMERCIAL REAL ESTATE INDICATORS: PRICES AND BEYOND</p> <p>MASSIMILIANO AFFINITO, BANK OF ITALY TOPIC: CLOSING DATA GAPS IN THE MONITORING OF COMMERCIAL REAL ESTATE BANK LENDING</p> <p>EZGI DERYOL, CENTRAL BANK OF TURKEY TOPIC: CONSTRUCTING A COMMERCIAL PROPERTY PRICE INDEX FOR TURKEY</p> <p>THOMAS KNETSCH, DEUTSCHE BUNDESBANK TOPIC: PROGRESS IN MEASUREMENT OF PRICES AND ACTIVITY IN GERMAN COMMERCIAL PROPERTY MARKET</p> <p>CHIHIRO SHIMIZU, NATIONAL UNIVERSITY OF SINGAPORE TOPIC: COMPILATION OF THE COMMERCIAL PROPERTY PRICE INDEX (CPPI) AND ITS USE IN JAPAN</p> <p>CHAIR: GÜLBIN SAHINBEYOGLU, CENTRAL BANK OF THE REPUBLIC OF TURKEY</p>
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-193	DATA INTEGRATION IN THE PRODUCTION OF OFFICIAL STATISTICS: PROGRESS, OPPORTUNITY AND CHALLENGES	BARBARA R RATER, USDA NATIONAL AGRICULTURAL STATISTICS SERVICE	<p>LINDA J YOUNG, US DEPARTMENT OF AGRICULTURE'S NATIONAL AGRICULTURAL STATISTICS SERVICE TOPIC: INTEGRATING ALL DATA TO PRODUCE OFFICIAL STATISTICS: PROGRESS REPORT FROM THE USDA'S NATIONAL AGRICULTURAL STATISTICS SERVICE</p> <p>PETER VIG JENSEN, STATISTICS DENMARK TOPIC: DATA INTEGRATION - THE WAY TO BETTER, AND CHEAPER, STATISTICS</p> <p>GEMMA VAN HALDEREN, UNITED NATIONS ECONOMIC COMMISSION FOR ASIA AND THE PACIFIC (UNESCAP) TOPIC: TBA</p>

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					MARCEL VAN KINTS, AUSTRALIAN BUREAU OF STATISTICS TOPIC: A CASE STUDY OF DATA INTEGRATION IN AUSTRALIA DISCUSSANT: BRIAN A HARRIS-KOJETIN, US COMMITTEE ON NATIONAL STATISTICS CHAIR: BARBARA R RATER, USDA NATIONAL AGRICULTURAL STATISTICS SERVICE
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-210	FORECASTING BY COMBINING HARD AND SOFT DATA	KUE PENG CHUAH, BANK NEGARA MALAYSIA	GERHARD RÜNSTLER, EUROPEAN CENTRAL BANK TOPIC: SHORT-TERM FORECASTS OF GDP BY MEANS OF MONTHLY DATA CHRISTOPH SCHULT, LEIBNIZ-INSTITUT FÜR WIRTSCHAFTSFORSCHUNG HALLE (IWH) TOPIC: EFFECTS OF EXTERNAL ASSUMPTIONS ON FORECAST ERRORS BAS SCHEER, CPB NETHERLANDS BUREAU FOR ECONOMIC POLICY ANALYSIS (CPB) TOPIC: UNEMPLOYMENT FORECASTING USING SUPPORT VECTOR REGRESSION CHOW HWEE KWAN, SINGAPORE MANAGEMENT UNIVERSITY TOPIC: FORECASTING INFLATION WITH SURVEY DATA: THE CASE OF SINGAPORE CHAIR: KUE PENG CHUAH, BANK NEGARA MALAYSIA
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-228	SEGMENTATION, CLUSTERING, AND OPTIMAL SUBSET SELECTION FOR COMPLEX DATA	XINWEI DENG, DEPARTMENT OF STATISTICS, VIRGINIA TECH	YOUNGDEOK HWANG, DEPARTMENT OF STATISTICS, SUNGKYUNKWAN UNIVERSITY, SOUTH KOREA TOPIC: A SIMPLE APPROACH FOR COMPLEX DATA USING SPLINE-BASED MULTILEVEL MODEL HUIJING JIANG, IBM THOMAS J. WATSON RESEARCH CENTER TOPIC: ADAPTIVE CONVEX CLUSTERING OF GENERALIZED LINEAR MODELS WITH APPLICATION IN PURCHASE LIKELIHOOD PREDICTION

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					RAN JIN, GRADO DEPARTMENT OF INDUSTRIAL AND SYSTEMS ENGINEERING, VIRGINIA TECH, USA TOPIC: CLUSTERING-BASED DATA FILTERING FOR MANUFACTURING BIG DATA SYSTEM DISCUSSANT: PEI LEE TEH, SCHOOL OF BUSINESS, MONASH UNIVERSITY MALAYSIA CHAIR: YING LU, GOOGLE INC., USA
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-24	TIME SERIES ANALYSIS AND ITS COMPUTATIONAL CHALLENGES IN BUSINESS AND INDUSTRY	PAULO CANAS RODRIGUES, FEDERAL UNIVERSITY OF BAHIA	PAULO CANAS RODRIGUES, FEDERAL UNIVERSITY OF BAHIA TOPIC: RECENT ADVANCES IN SINGULAR SPECTRUM ANALYSIS ELIZABETH ANN MAHARAJ, MONASH UNIVERSITY TOPIC: PATTERN RECOGNITION OF INTERVAL TIME SERIES NALINI RAVISHANKER, UNIVERSITY OF CONNECTICUT TOPIC: ONLINE MONITORING OF DURATIONS IN HIGH FREQUENCY TIME SERIES DISCUSSANT: IVOR CRIBBEN, ALBERTA SCHOOL OF BUSINESS CHAIR: PATRICK GROENEN, UNIVERSITY ROTTERDAM
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-245	MODELING OF MULTIVARIATE AND NON-GAUSSIAN DEPENDENT DATA WITH APPLICATIONS	SCOTT H HOLAN, UNIVERSITY OF MISSOURI	SCOTT H HOLAN, UNIVERSITY OF MISSOURI TOPIC: INTERPOLATING DISTRIBUTIONS FOR POPULATIONS IN NESTED GEOGRAPHIES USING PUBLIC-USE DATA WITH APPLICATION TO THE AMERICAN COMMUNITY SURVEY KATHERINE B ENSOR, RICE UNIVERSITY TOPIC: HIERARCHICAL MODEL FOR SPATIAL TEMPORAL MODELING OF EXTREMES HEDIBERT LOPES, INSPER TOPIC: DYNAMIC MIXED FREQUENCY POOLED COPULA JONATHAN R BRADLEY, FLORIDA STATE UNIVERSITY TOPIC: WHAT IS THE BEST PREDICTOR THAT YOU CAN COMPUTE IN FIVE MINUTES? CHAIR: HARRISON QUICK, DREXEL UNIVERSITY

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19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-248	CUTTING-EDGE APPLICATIONS OF FORMAL PRIVACY IN NSOS: LESSONS LEARNED AND THOUGHTS ON FUTURE IMPLEMENTATIONS AROUND THE WORLD	JOHN MARON ABOWD, CENSUS BUREAU	<p>JOHN MARON ABOWD, UNITED STATES CENSUS BUREAU TOPIC: THE UNITED STATES CENSUS BUREAU ADOPTS DIFFERENTIAL PRIVACY</p> <p>JÖRG DRECHSLER, GERMAN INSTITUTE FOR EMPLOYMENT RESEARCH (IAB) TOPIC: DIFFERENTIAL PRIVACY FROM A STATISTICAL PERSPECTIVE – OBTAINING VALID INFERENCES FROM DIFFERENTIALLY PRIVATE MICRODATA</p> <p>DANIEL ELAZAR, AUSTRALIAN BUREAU OF STATISTICS TOPIC: ABS TABLEUILDER: LEADING EDGE ADVANCEMENTS IN AUTOMATED TABULAR CONFIDENTIALISATION FROM A DIFFERENTIAL PRIVACY PERSPECTIVE</p> <p>NATALIE SHLOMO, UNIVERSITY OF MANCHESTER TOPIC: CONFIDENTIALITY AND PRIVACY IN THE DISSEMINATION OF FREQUENCY TABLES</p> <p>CHAIR: LARS VILHUBER, CORNELL UNIVERSITY</p>
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-249	THE STATUS OF STATISTICS EDUCATION FROM DIFFERENT COUNTRIES AND PERSPECTIVES	GAIL BURRILL, MICHIGAN STATE UNIVERSITY, USA	<p>TERESITA EVELINA TERÁN, FACULTY OF ECONOMICS AND STATISTICAL SCIENCES, NATIONAL UNIVERSITY OF ROSARIO, ARGENTINA TOPIC: A DISCUSSION ABOUT THE TEACHING OF STATISTICS AT ALL LEVELS IN AN ARGENTINE PROVINCE</p> <p>GAIL BURRILL, MICHIGAN STATE UNIVERSITY TOPIC: THE EVOLVING ROLE OF STATISTICS AS A DOMAIN OF STUDY IN THE UNITED STATES</p> <p>ANDREJ BLEJEC, PAST PRESIDENT, INTERNATIONAL ASSOCIATION FOR STATISTICAL EDUCATION, DEPARTMENT OF BIOLOGY, UNIVERSITY OF LJUBLJANA, SLOVENIA TOPIC: STATISTICS EDUCATION IN SLOVENIA: WHERE WE ARE AND WHERE WE GO</p>

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					DISCUSSANT: JOACHIM ENGEL, PRESIDENT-ELECT INTERNATIONAL ASSOCIATION FOR STATISTICAL EDUCATION, DEPARTMENT OF MATHEMATICS AND MATHEMATICS EDUCATION, LUDWIGSBURG UNIVERSITY OF EDUCATION, GERMANY CHAIR: BRUNO DE SOUSA, UNIVERSIDADE NOVA DE LISBOA, PORTUGAL
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-255	THE MANY FACES OF ENTROPY, EXTROPY, AND INFORMATION	NOZER DARABSHA SINGPURWALLA, THE CITY UNIVERSITY OF HONG KONG	SERDAR BOZTAS, RMIT UNIVERSITY, MELBOURNE, AUSTRALIA TOPIC: ENTROPIES, GUESSING, SEARCHING AND INFORMATION THEORY REFIK SOYER, THE GEORGE WASHINGTON UNIVERSITY TOPIC: INFORMATION THEORY IN RELIABILITY MAJID ASADI, DEPARTMENT OF STATISTICS, UNIVERSITY OF ISFAHAN TOPIC: MEASURING THE COMPLEXITY OF THE MULTI-STATE NETWORKS BASED ON JENSEN-SHANNON INFORMATION DISCUSSANT: TOM MAZZUCHI, GEORGE WASHINGTON UNIVERSITY'S DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT CHAIR: INEZ MARIA ZWETSLOOT, CITY UNIVERSITY OF HONG KONG, HONG KONG

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19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-258	BIG DATA FOR FINANCE AND BEYOND	YINGYING LI, HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY	<p>TENGYUAN LIANG, UNIVERSITY OF CHICAGO TOPIC: DEEP NEURAL NETWORKS FOR ESTIMATION AND INFERENCE: APPLICATION TO CAUSAL EFFECTS AND OTHER SEMIPARAMETRIC ESTIMANDS</p> <p>XINGHUA ZHENG, HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY TOPIC: HIGH DIMENSIONAL MINIMUM VARIANCE PORTFOLIO ESTIMATION UNDER FACTOR MODELS</p> <p>PING-SHOU ZHONG, MICHIGAN STATE UNIVERSITY TOPIC: CHANGE POINTS DETECTION AND IDENTIFICATION FOR HIGH DIMENSIONAL DATA</p> <p>CHAIR: YINGYING LI, HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY</p>
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-261	RECENT ADVANCES IN COMPUTATIONALLY-INTENSIVE BAYESIAN TECHNIQUES FOR ANALYZING BIOMEDICAL DATA	DIPANKAR BANDYOPADHYAY, VIRGINIA COMMONWEALTH UNIVERSITY	<p>DIPANKAR BANDYOPADHYAY, VIRGINIA COMMONWEALTH UNIVERSITY TOPIC: A BAYESIAN SEMIPARAMETRIC MIXTURE MODELING OF SPATIALLY-DEPENDENT POSITIVE DEFINITE MATRICES IN DIFFUSION TENSOR IMAGING</p> <p>YANXUN XU, JOHNS HOPKINS UNIVERSITY TOPIC: BAYESIAN NONPARAMETRIC ESTIMATION FOR DYNAMIC TREATMENT REGIMES</p> <p>DEBAJYOTI SINHA, FLORIDA STATE UNIVERSITY TOPIC: SEMIPARAMETRIC BAYESIAN REGRESSION FOR SKEWED MULTIVARIATE AND TENSOR DATA</p> <p>JUHEE LEE, UNIVERSITY OF CALIFORNIA, SANTA CRUZ, UNITED STATES OF AMERICA TOPIC: BAYESIAN SPARSE MULTIVARIATE REGRESSION WITH ASYMMETRIC NONLOCAL PRIORS FOR MICROBIOME DATA ANALYSIS</p> <p>CHAIR: HERNANDO OMBAO, KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY</p>

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19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-262	RECENT DEVELOPMENTS IN STEIN'S METHOD	ADRIAN ROELLIN, NATIONAL UNIVERSITY OF SINGAPORE	XIAO FANG, CHINESE UNIVERSITY OF HONG KONG TOPIC: WASSERSTEIN-2 BOUNDS IN NORMAL APPROXIMATION UNDER LOCAL DEPENDENCE LIHU XU, UNIVERSITY OF MACAU TOPIC: APPROXIMATIONS TO HEAVY TAILED DISTRIBUTIONS ZHUOSONG ZHANG, UNIVERSITY OF MELBOURNE TOPIC: TBA
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-269	MULTIDIMENSIONAL POVERTY: HOW TO MEASURE?	MR SHAHRIMAN BIN HARON, DEPUTY DIRECTOR OF PRICE, INCOME AND EXPENDITURE STATISTICS DIVISION, DOSM	SABINA ALKIRE, UNIVERSITY OF OXFORD TOPIC: TBA DR. YUSOF SAARI, UNIVERSITY PUTRA MALAYSIA TOPIC: TBA ABDUL HALIM ABDUL AZIZ, ECONOMIC PLANNING UNIT, MALAYSIA TOPIC: TBA WEI SAN LOH, WORLD BANK TOPIC: THE MULTIDIMENSIONALITY OF POVERTY: MEANING AND MEASUREMENT CHAIR: KAMARUDIN MOHAMAD, FORMER DOSM SENIOR DIRECTOR
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-271	USE OF NEW TECHNOLOGIES FOR THE 2020 POPULATION AND HOUSING CENSUS ROUND	JEAN MICHEL DURR, INSEE	SHAKER EL-NAGGAR, CAPMAS TOPIC: EGYPT CENSUS 2017 EDGAR VIELMA OROZCO, INEGI TOPIC: INFORMATION TECHNOLOGIES IN NEXT POPULATION AND HOUSING CENSUS IN MEXICO DONGHUN SUH, STATISTICS KOREA TOPIC: CONDUCTING 2020 SMART CENSUS USING GIS AND ARTIFICIAL INTELLIGENCE OLIVER P. FISCHER, UNITED STATES CENSUS BUREAU TOPIC: COMPUTER-ASSISTED PERSONAL INTERVIEWING AS A CENSUS DATA PROCESSING SOLUTION IN AFRICA: OBSERVED OPPORTUNITIES AND CHALLENGES

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					CHAIR: JEAN MICHEL DURR, JMSTAT, EXPERT ON POPULATION AND HOUSING CENSUS
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-285	PRE-RELEASE ACCESS TO OFFICIAL STATISTICS: DOES IT CONFLICT WITH INDEPENDENCE AND IMPARTIALITY?	ANDREAS VASILIOS GEORGIU, AMHERST COLLEGE, USA	MARJO-RIITTA SYLVIA BRUUN, STATISTICS FINLAND TOPIC: PRE-RELEASE AND EMBARGO – NO, THEY DON'T EXIST ANDREAS VASILIOS GEORGIU, AMHERST COLLEGE, USA TOPIC: PRE-RELEASE ACCESS TO OFFICIAL STATISTICS IS NOT CONSISTENT WITH PROFESSIONAL ETHICS GIORGIO ALLEVA, ITALIAN NATIONAL INSTITUTE OF STATISTICS (ISTAT) TOPIC: PRE-RELEASE ACCESS TO OFFICIAL STATISTICS: THE DIFFERENCE BETWEEN PRIVILEGED ACCESS TO GOVERNMENT AND THE MEDIA PALI JOBO LEHOHLA, FORMER STATISTICIAN-GENERAL, STATISTICS SOUTH AFRICA TOPIC: TYRANNY HURTS MEASUREMENT DISCUSSANT: DENNIS TREWIN, FORMER AUSTRALIAN STATISTICIAN CHAIR: HALLGRIMUR SNORRASON, INDEPENDENT CONSULTANT - OFFICIAL STATISTICS
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-288	MODELLING AND FORECASTING LAND SURFACE TEMPERATURE USING REMOTE SENSING DATA FROM NASA	DONALD ROY MCNEIL, PRINCE OF SONGKLA UNIVERSITY	ALFREDO HUETE, UTS SYDNEY TOPIC: TBA POTJAMAS ("TAN") CHUANGCHANG, PSU PATTANI TOPIC: TBA NOPPACHAI ("NONG") WONGSAI, PSU PHUKET TOPIC: TBA DISCUSSANT: KAMARULZAMAN IBRAHIM, UKM CHAIR: KHAIRIL ANWAR NOTODIPUTRO, IPB BOGOR
19TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-35	IMAGING STATISTICS AND PREDICTIVE DATA ANALYTICS	IVO DINOVI, UNIVERSITY OF MICHIGAN	IVO DINOVI, UNIVERSITY OF MICHIGAN TOPIC: PREDICTIVE ANALYTICS OF BIG NEUROSCIENCE DATA EJAZ AHMED S, BROCK UNIVERSITY TOPIC: IMPLICIT BIAS IN BIG DATA ANALYTICS

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					<p>ERIC HO TATT WEI, UNIVERSITI TEKNOLOGI PETRONAS TOPIC: A GENERATIVE DEEP MACHINE MODELING FRAMEWORK FOR HYPOTHESIS TESTING AND COMPARING NEUROIMAGING DATA</p> <p>MICHELLE LIOU, INSTITUTE OF STATISTICAL SCIENCE ACADEMIA SINICA TOPIC: THE DEFAULT MODE NETWORK AFTER 20 YEARS: STATISTICAL PERSPECTIVES</p> <p>ANQI QIU, NATIONAL UNIVERSITY OF SINGAPORE TOPIC: PHENOTYPES, GENOTYPES & VOXELS: A PLAYGROUND NEXT TO A NUCLEAR POWER PLANT</p> <p>CHAIR: TAHIR EKIN, TEXAS STATE UNIVERSITY</p>
20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-110	ADMINISTRATIVE AND REPORTING SYSTEMS AS POSSIBLE SOURCES OF AGRICULTURAL STATISTICS FOR MONITORING SDGS IN DEVELOPING COUNTRIES?	NAMAN KEITA, RETIRED FAO	<p>DRAMANE BAKO, FAO TOPIC: DEVELOPING AN ADMINISTRATIVE DATA SYSTEM FOR AGRICULTURAL STATISTICS IN THE CONTEXT OF SDGS MONITORING</p> <p>REDOUANE ARRACH, MORROCCO MINISTRY OF AGRICULTURE TOPIC: BUILDING AND MAINTAINING A FARM REGISTER BASED STAISTICS TO MONITOR AND ASSESS SDG'S PROGRESS IN MOROCCO</p> <p>DALISAY MALIGALIG, ADB RETIREE TOPIC: EXAMINING THE QUALITY OF DATA FROM THE PHILIPPINES' AGRICULTURAL ADMINISTRATIVE REPORTING SYSTEM</p> <p>DALIP SINGH, MINISTRY OF AGRICULTURE AND FARMERS WELFARE TOPIC: USE OF ADMINISTRATIVE RECORDS TO GENERATE STRUCTURAL DATA AS PART OF INTEGRATED SYSTEM OF AGRICULTURE</p> <p>CENSUS AND FOLLOW UP SURVEYS: A CASE OF INDIA DISCUSSANT: FLAVIO PINTO BOLLIGER, FAO CHAIR: NAMAN KEITA, RETIRED FAO</p>

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20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-124	PRIVATE PUBLIC PARTNERSHIPS TO IMPROVE CAPACITY TO MEASURE SDG,S	MISHA BELKINDAS, OPEN DATA WATCH	<p>ALEXEY N PONOMARENKO, RUSSIAN STATISTICAL ASSOCIATION TOPIC: ROLE OF ISI, AND STATISTICAL SOCIETIES IN MEASURING SDG'S</p> <p>HELI MIKKELA, STATISTICS FINLAND TOPIC: HOW STATISTICAL AGENCIES CAN SUPPORT BRIDGING THE DATA GAP</p> <p>HRISTINA ALEKSANDROVA, GOPA CONSULTING TOPIC: COMMON APPROACHES TO CAPACITY DEVELOPMENT IN RESPONSE TO AGENDA 2030</p> <p>DISCUSSANT: OLIVER CHINGANYA, UN ECONOMIC COMMISSION FOR AFRICA</p> <p>DISCUSSANT: GABRIELLA VUKOVICH, HUNGARIAN CSO</p> <p>CHAIR: HAISHAN FU, WORLD BANK</p>
20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-142	NEW METHODOLOGIES FOR THE 2020/2021 ROUND OF POPULATION AND HOUSING CENSUSES	ERIC SCHULTE NORDHOLT, STATISTICS NETHERLANDS	<p>ROBERT COLOSI, CENSUS BUREAU (UNITED STATES) TOPIC: PLANNED INNOVATIONS IN THE UNITED STATES 2020 CENSUS</p> <p>YOUNGIL LIM, STATISTICS KOREA TOPIC: NEW PARADIGM FOR POPULATION AND HOUSING CENSUS OF KOREA</p> <p>ABDULAZIZ ALATEEQ, GENERAL AUTHORITY FOR STATISTICS (SAUDI ARABIA) TOPIC: FUTURE OPERATIONAL PLAN SUMMARY FOR CENSUS IN THE KINGDOM OF SAUDI ARABIA</p> <p>JORGE LUIS VEGA VALLE, INSTITUTO NACIONAL DE ESTADÍSTICA (SPAIN) TOPIC: MOVING TOWARDS A REGISTER BASED CENSUS IN SPAIN</p> <p>DISCUSSANT: PAOLO VALENTE, UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE</p> <p>CHAIR: ERIC SCHULTE NORDHOLT, STATISTICS NETHERLANDS</p>

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20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-169	REDUCING COMPLEXITY - THE IMPACTS AND METHODOLOGY OF INDICATORS AND SCOREBOARDS	WALTER J. RADERMACHER, FENSTATS	<p>MARKKU LEHTONEN, ECOLE DES HAUTES ETUDES EN SCIENCES SOCIALES - PARIS TOPIC: THE MULTIPLE FACES OF TRUST IN STATISTICS AND COMPOSITE INDICATORS: A CASE FOR HEALTHY MISTRUST</p> <p>NICOLA MASSARELLI, EUROSTAT TOPIC: MONITORING SUSTAINABLE DEVELOPMENT IN AN EU CONTEXT</p> <p>SAKIKO FUKUDA-PARR, THE NEW SCHOOL NEW YORK TOPIC: TBA</p> <p>FILOMENA MAGGINO, UNIVERSITÀ DEGLI STUDI DI ROMA LA SAPIENZA TOPIC: FAIR AND SUSTAINABLE WELL-BEING INDICATORS FOR EUROPEAN COUNTRIES: COMPARING DIFFERENT SYNTHESIZING APPROACHES</p> <p>FRANCESCA PERUCCI, UNITED NATIONS STATISTICS DIVISION TOPIC: WHAT ARE THE RISKS AND OPPORTUNITIES OF SDGS COMPOSITE INDEXES?</p> <p>GABY UMBACH, EUROPEAN UNIVERSITY INSTITUTE TOPIC: OF NUMBERS AND NARRATIVES: DATA AND EVIDENCE FOR POLICY-MAKING IN THE 21ST CENTURY</p> <p>DISCUSSANT: ELENI PAPADIMITRIOU, EUROPEAN COMMISSION, JOINT RESEARCH CENTRE</p> <p>DISCUSSANT: MAURIZIO VICHI, UNIVERSITÀ DEGLI STUDI DI ROMA LA SAPIENZA</p> <p>CHAIR: WALTER J. RADERMACHER, FENSTATS</p>
20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-173	CONSISTENT MEASUREMENT OF MULTINATIONAL ENTERPRISE (MNE) ACTIVITIES IN ECONOMIC STATISTICS	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	<p>FERNANDO LEMOS, CENTRAL BANK OF BRAZIL TOPIC: ENHANCING THE QUALITY OF CORE FOREIGN DIRECT INVESTMENT STATISTICS</p> <p>ALEXANDRE FORTIER-LABONTÉ, STATISTICS CANADA TOPIC: CHARACTERISTICS OF MNES IN CANADA</p>

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					<p>JENS WALTER, DEUTSCHE BUNDESBANK TOPIC: COMPLEX MULTINATIONAL ENTERPRISES IN STATISTICS: THE COOPERATIVE APPROACH BETWEEN BUNDESBANK AND BANQUE DE FRANCE</p> <p>ATHANASIOS PETRALIAS, BANK OF GREECE TOPIC: TRACKING MULTINATIONALS' ACTIVITIES IN THE SHIPPING INDUSTRY: A NEW STATISTICAL FRAMEWORK FOR THE ESTIMATION OF SEA TRANSPORT SERVICES IN THE GREEK BALANCE OF PAYMENTS</p> <p>YUKI UCHIDA, BANK OF JAPAN TOPIC: RECENT IMPROVEMENTS OF THE TANKAN BUSINESS SURVEY</p> <p>DISCUSSANT: PETER VAN DE VEN, HEAD OF NATIONAL ACCOUNTS CHAIR: ROBERT KIRCHNER, DEUTSCHE BUNDESBANK</p>
20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-213	THE FUTURE OF SOCIAL SECURITY DESIGN THROUGH BIG DATA ANALYTICS	PUNITHAA KYLASAPATHY, BANK NEGARA MALAYSIA	<p>MELATI (DR.) NUNGSARI, ASIAN SCHOOL OF BUSINESS IN COLLABORATION WITH MIT SLOAN MANAGEMENT SCHOOL TOPIC: THE IMPACT OF NEWS AND NATURAL DISASTERS ON RETIREMENT SAVINGS IN MALAYSIA: AN EVENT STUDY</p> <p>FIONA ELIZABETH STEWART, WORLD BANK GROUP, UNITED KINGDOM TOPIC: TBA</p> <p>DATUK SHAHRIL RIDZA RIDZUAN, KHAZANAH NASIONAL BERHAD, MALAYSIA TOPIC: TBA</p> <p>CHAIR: TNG BOON HWA, BANK NEGARA MALAYSIA, MALAYSIA</p>

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20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-215	RECENT DEVELOPMENT ON METHODS IN TEACHING AND LEARNING IN STATISTICS	ZAMALIA MAHMUD, UNIVERSITI TEKNOLOGI MARA	<p>ZAMALIA MAHMUD, UNIVERSITI TEKNOLOGI MARA TOPIC: STATLEARN@: AN E-LEARNING TOOL FOR ASSISTING STUDENTS' UNDERSTANDING OF HYPOTHESIS TESTING</p> <p>DAVID YOUNG, UNIVERSITY OF STRATHCLYDE TOPIC: DATA SKILLS IN SCHOOLS: THE STATISTICS AWARD</p> <p>ELIZABETH STOJANOVSKI, UNIVERSITY OF NEWCASTLE, NSW AUSTRALIA TOPIC: DIFFERENCES IN PERCEPTIONS TOWARDS STEM OF MALE AND FEMALE STUDENTS IN AUSTRALIA</p> <p>MAMAN FATHURROHMAN, UNIVERSITY OF UNTIRTA, SERANG CITY INDONESIA TOPIC: OPTIMAL USE OF STATISTICAL SOFTWARES FOR INSIGHT AND SIMULATION IN TEACHING AND LEARNING STATISTICS:</p> <p>COMPARISON OF INDONESIA AND SAUDI ARABIA CHAIR: MOHD BAKRI ADAM, UNIVERSITI PUTRA MALAYSIA</p>
20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-257	RECENT ADVANCES IN STATISTICAL METHODS FOR ANALYZING BRAIN NETWORKS	CHEE-MING TING, UNIVERSITI TEKNOLOGI MALAYSIA	<p>IVOR CRIBBEN, DEPARTMENT OF FINANCE AND STATISTICAL ANALYSIS, ALBERTA SCHOOL OF BUSINESS TOPIC: NON-STATIONARY HIGH DIMENSIONAL TIME SERIES NETWORKS FOR BRAIN IMAGING DATA</p> <p>CHEE-MING TING, FACULTY OF BIOSCIENCES & MEDICAL ENGINEERING, UNIVERSITI TEKNOLOGI MALAYSIA, MALAYSIA TOPIC: IDENTIFYING STATE-DRIVEN CHANGES IN BRAIN NETWORKS USING REGIME-SWITCHING MODELS</p> <p>MARTIN A LINDQUIST, DEPARTMENT OF BIostatISTICS, JOHNS HOPKINS UNIVERSITY, USA TOPIC: A GEOMETRIC APPROACH TOWARDS EVALUATING FMRI PREPROCESSING PIPELINES</p> <p>NICOLE A. LAZAR, DEPARTMENT OF STATISTICS, UNIVERSITY OF GEORGIA, USA TOPIC: TOPOLOGICAL DATA ANALYSIS FOR BRAIN NETWORKS</p>

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					DISCUSSANT: HERNANDO OMBAO, BIostatISTICS GROUP, KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SAUDI ARABIA CHAIR: JOHN ASTON, DEPARTMENT OF PURE MATHEMATICS AND MATHEMATICAL STATISTICS, UNIVERSITY OF CAMBRIDGE, UK
20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-287	RISK AND PROBABILITY LITERACY	MANFRED BOROBNICK, UNIVERSITY OF KLAGENFURT, AUSTRIA	MANFRED BOROBNICK, UNIVERSITY OF KLAGENFURT, AUSTRIA TOPIC: THE TWIN CHARACTER OF RISK AND PROBABILITY CATERINA PRIMI, SECTION OF PSYCHOLOGY, UNIVERSITY OF FLORENCE TOPIC: PROBABILISTIC REASONING, SUPERSTITIOUS THINKING AND GAMBLING BEHAVIOR IN CHILDREN AND ADOLESCENTS RINK HOEKSTRA, FACULTY OF BEHAVIOURAL AND SOCIAL SCIENCES, UNIVERSITY OF GRONINGEN TOPIC: INTELLECTUAL HUMILITY AS THE KEY TO IMPROVE THE INTERPRETATION OF STATISTICS DISCUSSANT: AYSE AYSIN BILGIN, DEPARTMENT OF STATISTICS, MACQUARIE UNIVERSITY CHAIR: DAVID STERN, UNIVERSITY OF READING
20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-290	THE EDUCATIONAL IMPACT OF STATISTICAL COLLABORATION LABORATORIES ON STUDENTS	ERIC VANCE, LISA-UNIVERSITY OF COLORADO BOULDER	OLUSANYA ELISA OLUBUSOYE, UNIVERSITY OF IBADAN LABORATORY FOR INTERDISCIPLINARY STATISTICAL ANALYSIS, NIGERIA TOPIC: THE COMPLEMENTARY ROLE OF UI-LISA IN STATISTICAL TRAINING AND CAPACITY BUILDING AT THE UNIVERSITY OF IBADAN, NIGERIA. CARLA ALMEIDA VIVACQUA, UFRN, NATAL, BRAZIL TOPIC: EFFECTS OF PARTICIPATION IN A STATISTICAL LABORATORY ON STATISTICS STUDENTS

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					<p>OLUSHINA OLAWALE AWE, ANCHOR UNIVERSITY LABORATORY FOR INTERDISCIPLINARY STATISTICAL SCIENCE AND DATA ANALYSIS, NIGERIA TOPIC: RECENT ADVANCES AND IMPACTS OF STATISTICAL CONSULTING AND COLLABORATION LABORATORIES IN NIGERIA.</p> <p>HAFTOM TEMESGEN, MEKELLE UNIVERSITY, ETHIOPIA TOPIC: EDUCATIONAL IMPACT OF STATISTICAL COLLABORATION LABORATORY ON STUDENTS</p> <p>CHAIR: ERIC VANCE, LISA-UNIVERSITY OF COLORADO BOULDER</p>
20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-320	FROM STATUS IN EMPLOYMENT TO WORK RELATIONSHIPS:	MICHAEL THYE FROSCH, INTERNATIONAL LABOUR ORGANIZATION	<p>MICHAEL THYE FROSCH, INTERNATIONAL LABOUR ORGANIZATION TOPIC: THE RESOLUTION CONCERNING STATISTICS ON WORK RELATIONSHIP AND HOW IT CAN BE MEASURED</p> <p>DANIEL PÉREZ, INSTITUTO NACIONAL DE ESTADÍSTICA DE CHILE (INSE) TOPIC: DEBATES AND ISSUES TO IDENTIFY DEPENDENT CONTRACTORS IN LABOR FORCE SURVEYS</p> <p>WISSANEE POONSAB, STATISTICAL OFFICE OF THAILAND TOPIC: THAILAND 2017 LFS - HIGHLIGHTS OF FINDINGS FROM TESTING OF DEPENDENT CONTRACTORS</p> <p>MONICA DIANNE CASTILLO, ILO TOPIC: ENTREPRENEURS, MULTIPARTY WORK RELATIONSHIPS AND WORK IN THE INTERNET-BASED “GIG ECONOMY”: HOW TO ADVANCE ON STATISTICAL MEASUREMENT?</p> <p>TINE CORDES, STATISTICS DENMARK, COPENHAGEN, DENMARK TOPIC: TESTING DEPENDENT CONTRACTORS IN THE DANISH LABOUR FORCE SURVEY</p> <p>DISCUSSANT: TITE HABİYAKARE, ILO DISCUSSANT: FRANÇOISE CARRÉ</p>

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20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-77	METHODS TO HANDLE LARGE ENVIRONMENTAL DATA	GIOVANNA JONA LASINIO, DEP. OF STATISTICAL SCIENCES- SAPIENZA UNIVERSITY OF ROME, ITALY	<p>SUDIPTO BANERJEE, UCLA FIELDING SCHOOL OF PUBLIC HEALTH TOPIC: BAYESIAN MODELING AND INFERENCE FOR MASSIVE SPATIAL-TEMPORAL DATA</p> <p>EMILY LEI KANG, UNIVERSITY OF CINCINNATI TOPIC: A FUSED GAUSSIAN PROCESS FOR LARGE SPATIAL AND SPATIO-TEMPORAL DATA AND ITS APPLICATIONS</p> <p>FEDELE PASQUALE GRECO, UNIVERSITÀ DI BOLOGNA TOPIC: MODELLING ATMOSPHERIC PHENOMENA AT THE GLOBAL SCALE: A NON-PARAMETRIC FRAMEWORK</p> <p>MARCOS OLIVEIRA PRATES, UNIVERSIDADE FEDERAL DE MINAS GERAIS TOPIC: BLOCK NEAREST NEIGHBOOR GAUSSIAN PROCESSES</p> <p>DISCUSSANT: JACINTA HOLLOWAY, QUEENSLAND UNIVERSITY OF TECHNOLOGY</p> <p>CHAIR: ALESSIO POLLICE, UNIVERSITY OF BARI ALDO MORO</p>

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20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-79	USE OF UNCONVENTIONAL BIG DATA FOR OFFICIAL STATISTICS: SOME CURRENT CASES	ANDERS J S HOLMBERG, STATISTICS NORWAY	<p>EDUARDO BARREDO CAPELOT, EUROSTAT (EUROPEAN COMMISSION) TOPIC: BIG DATA AND MACROECONOMIC NOWCASTING: FROM DATA ACCESS TO MODELLING</p> <p>JOEP BURGER, ORGANISATION STATISTICS NETHERLANDS TOPIC: REPLACING A SURVEY QUESTION BY PREDICTIVE MODELING USING REGISTER DATA</p> <p>SIU-MING TAM, AUSTRALIAN BUREAU OF STATISTICS TOPIC: BIG DATA, SAMPLE SURVEYS AND FINITE POPULATION INFERENCES</p> <p>LI-CHUN ZHANG, STATISTICS NORWAY TOPIC: DISAGGREGATION OF EXPENDITURE WEIGHTS BASED ON TRANSACTION DATA</p> <p>CHAITANYA JOSHI, DATA SCIENCE CAMPUS, OFFICE FOR NATIONAL STATISTICS, UK TOPIC: DATA SCIENCE FOR PUBLIC GOOD - CASE STUDIES FROM THE UNITED KINGDOM</p> <p>DISCUSSANT: PARTHA LAHIRI, UNIVERSITY OF MARYLAND CHAIR: ARNOLDO FRIGESSI, OSLO UNIVERSITY</p>
20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-97	DEVELOPING LEADERSHIP SKILLS IN WOMEN	CATHY FURLONG, STATISTICS WITHOUT BORDERS	<p>PANEL DISCUSSION WITH:</p> <p>CATHY FURLONG, STATISTICS WITHOUT BORDERS</p> <p>DENISE BRITZ DO NASCIMENTO SILVA, NATIONAL SCHOOL OF STATISTICAL SCIENCES</p> <p>MARY W. GRAY, AMERICAN UNIVERSITY</p> <p>DENISE LIEVESLEY, UNIVERSITY OF OXFORD</p> <p>JANET VAN NIEKERK, KAUST / UNIVERSITY OF PRETORIA</p> <p>DIANE STUKEL, FHI 360</p> <p>CYNTHIA Z. F. CLARK, COUNCIL OF PROFESSIONAL ASSOCIATIONS ON FEDERAL STATISTICS</p> <p>DISCUSSANT: OLA AWAD, PALESTINIAN CENTRAL BUREAU OF STATISTICS</p>

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20TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-151	COMPUTATIONAL STATISTICS AND PARALLEL COMPUTING: APPLICATIONS FOR DATA SCIENCE	ALBA MARTINEZ-RUIZ, UNIVERSIDAD CATÓLICA DE LA SANTÍSIMA CONCEPCIÓN	ALBA MARTINEZ-RUIZ, UNIVERSIDAD CATÓLICA DE LA SANTÍSIMA CONCEPCIÓN TOPIC: JOINING STATISTICAL ALGORITHMS AND PARALLEL COMPUTING: A CASE ON PLS MODE B RUBEN CARVAJAL-SCHIAFFINO, UNIVERSIDAD DE SANTIAGO DE CHILE TOPIC: IMPROVEMENTS ON A PARALLEL/DISTRIBUTED ALGORITHM FOR BOOTSTRAPPING LUIS FIRINGUETTI-LIMONE, UNIVERSIDAD DEL BIO BIO TOPIC: BAYESIAN ESTIMATION OF THE SHRINKAGE PARAMETER IN RIDGE REGRESSION DISCUSSANT: GEORGE OSTROUCHOV, UNIVERSITY OF TENNESSE
20TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-179	COMMUNICATING CENTRAL BANKS' STATISTICS EFFECTIVELY IN THE DIGITAL AGE	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	FERNANDO ALBERTO ROCHA, CENTRAL BANK OF BRAZIL TOPIC: BCB'S STRATEGY FOR COMMUNICATION OF STATISTICS DIANE C. KOSTROCH, INTERNATIONAL MONETARY FUND TOPIC: BIG DATA: POTENTIAL, CHALLENGES, AND STATISTICAL IMPLICATIONS PER NYMAND-ANDERSEN, EUROPEAN CENTRAL BANK TOPIC: MODERNISING STATISTICS: COMMUNICATING THE WEALTH OF STATISTICS IN A DIGITAL AGE WIAN BOONZAAIER, SOUTH AFRICAN RESERVE BANK TOPIC: ELECTRONIC FUNDS TRANSFERS: A NOVEL BIG DATA SOURCE FOR ANALYZING AGGREGATE LABOR MARKET TRENDS BURCU TUNC, CENTRAL BANK OF THE REPUBLIC OF TURKEY TOPIC: BRIDGE BETWEEN CENTRAL BANK STATISTICS AND USERS: ELECTRONIC DATA DELIVERY SYSTEM OF CENTRAL BANK OF TURKEY CHAIR: LUÍS TELES DIAS, BANK OF PORTUGAL

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20TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-201	ISBIS Y-BIS SESSION: RECENT ADVANCES IN STATISTICAL LEARNING APPLICATIONS	TAHIR EKIN, TEXAS STATE UNIVERSITY	TAHIR EKIN, TEXAS STATE UNIVERSITY TOPIC: TOPIC MODEL BASED LEARNING FOR MEDICAL PRESCRIPTION FRAUD AND ABUSE DETECTION LUCA FRIGAU, UNIVERSITY OF CAGLIARI TOPIC: A STATISTICAL LEARNING MODEL FOR AIRBNB'S HOSTS VADIM SOKOLOV, GEORGE MASON UNIVERSITY TOPIC: DEEP LEARNING FOR ENERGY PRICING OZAN KOCADAGLI, MIMAR SINAN FINE ARTS UNIVERSITY TOPIC: CLASSIFICATION OF EEG SIGNALS USING HYBRID ARTIFICIAL INTELLIGENCE TECHNIQUES FOR DETECTION OF EPILEPTIC SEIZURES CHAIR: PAULO CANAS RODRIGUES, FEDERAL UNIVERSITY OF BAHIA, BRAZIL
20TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-227	DATA MANAGEMENT IN THE ERA OF NEW ECONOMY AND BIG DATA	ZIMA MAZFAHANI, BANK NEGARA MALAYSIA	YATI KURNIATI, BANK OF INDONESIA TOPIC: ADDRESSING DATA GAPS IN THE ERA OF NEW ECONOMY AND BIG DATA RICHARD LAUREN HARMON, CLOUDERA TOPIC: THE FUTURE OF BIG DATA: NEW TYPOLOGIES OF DATA, ANALYTICS AND PLATFORMS DISCUSSANT: YEAH KIM LENG, SUNWAY UNIVERSITY CHAIR: ZIMA MAZFAHANI, BANK NEGARA MALAYSIA
20TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-25	RECENT DEVELOPMENTS IN HIGH-DIMENSIONAL STATISTICS	JOHANNES LEDERER, RUHR- UNIVERSITY BOCHUM	PO-LING LOH, UNIVERSITY OF WISCONSIN TOPIC: THEORETICAL SUPPORT OF MACHINE LEARNING DEBUGGING NOAH SIMON, UNIVERSITY OF WASHINGTON TOPIC: SPARSE ADDITIVE MODELING AND MISSPECIFIED SMOOTHNESS MOHAMED NDAOUD, ENSAE TOPIC: ADAPTIVE ESTIMATION OF FUNCTIONALS UNDER SPARSITY CHAIR: JOHANNES LEDERER, RUHR-UNIVERSITY BOCHUM

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20TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-253	NEW HORIZON OF METHODOLOGICAL ADVANCE FOR FUNCTIONAL DATA ANALYSIS	BYEONG UK PARK, SEOUL NATIONAL UNIVERSITY	<p>BYEONG UK PARK, SEOUL NATIONAL UNIVERSITY TOPIC: ADDITIVE REGRESSION WITH HILBERTIAN RESPONSES</p> <p>SERGE GUILLAS, UNIVERSITY COLLEGE LONDON TOPIC: FUNCTIONAL EMULATION OF HIGH RESOLUTION TSUNAMI MODELLING OVER CASCADIA</p> <p>HANS-GEORG MUELLER, UNIVERSITY OF CALIFORNIA, DAVIS TOPIC: WASSERSTEIN COVARIANCE FOR VECTORS OF RANDOM DENSITIES</p> <p>FANG YAO, PEKING UNIVERSITY, UNIVERSITY OF TORONTO TOPIC: INTRINSIC RIEMANNIAN FUNCTIONAL DATA ANALYSIS</p> <p>CHAIR: JANE-LING WANG, UNIVERSITY OF CALIFORNIA, DAVIS, UNITED STATES OF AMERICA</p>
20TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-256	MODERN ROBUST STATISTICS ON COMPLEX DATA	YIYUAN SHE, FLORIDA STATE UNIVERSITY	<p>ZHAO REN, UNIVERSITY OF PITTSBURGH TOPIC: ADAPTIVE MINIMAX DENSITY ESTIMATION FOR HUBER'S CONTAMINATION MODEL UNDER $\\$L_P\\$ LOSSES</p> <p>ADITYA MISHRA, FLATIRON INSTITUTE, SIMONS FOUNDATION TOPIC: ROBUST REGRESSION WITH COMPOSITIONAL COVARIATES</p> <p>MARCO AVELLA-MEDINA, MASSACHUSETTS INSTITUTE OF TECHNOLOGY TOPIC: PRIVACY-PRESERVING PARAMETRIC INFERENCE: A CASE FOR ROBUST STATISTICS</p> <p>LIFENG LIN, FLORIDA STATE UNIVERSITY, UNITED STATES OF AMERICA TOPIC: POWERFUL METHODS FOR ASSESSING PUBLICATION BIAS</p> <p>CHAIR: YIYUAN SHE, FLORIDA STATE UNIVERSITY</p>

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20TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-302	LINKING THE POPULATION AND HOUSING CENSUS WITH THE AGRICULTURAL CENSUS: TECHNOLOGICAL ADVANCES AND NEW OPPORTUNITIES FOR DEVELOPING COUNTRIES	JAIRO CASTANO, FAO	JAIRO CASTANO, FAO TOPIC: LINKING POPULATION AND HOUSING CENSUS WITH THE CENSUS OF AGRICULTURE FOR THE 2020 ROUND: OVERVIEW OF ISSUES AND OPTIONS AND COUNTRY EXAMPLES ABAYE TARIKU, CENTRAL STATISTICAL AGENCY OF ETHIOPIA (CSA) TOPIC: LINKING THE POPULATION AND HOUSING CENSUS WITH THE AGRICULTURAL CENSUS: TECHNOLOGICAL ADVANCES AND NEW OPPORTUNITIES FOR DEVELOPING COUNTRIES MAIA GUNTSADZE, TBILISI OPEN UNIVERSITY TOPIC: LINKING THE POPULATION AND HOUSING CENSUS WITH THE AGRICULTURAL CENSUS: TECHNOLOGICAL ADVANCES AND NEW OPPORTUNITIES FOR DEVELOPING COUNTRIES CHAIR: NAMAN KEITA, SENIOR CONSULTANT
20TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-60	MODELING TEMPORAL AND SPATIAL DEPENDENCE IN BAYESIAN NONPARAMETRICS	IGOR PRUENSTER, BOCCONI UNIVERSITY	RAFFAELE ARGIENTO, UNIVERSITY OF TORINO TOPIC: EXPLOITING CONJUGACY TO BUILD TIME DEPENDENT FEATURE ALLOCATION MODELS XUANLONG NGUYEN, UNIVERSITY OF MICHIGAN TOPIC: DYNAMIC AND DISTRIBUTED INFERENCE OF LATENT GEOMETRIC STRUCTURES ARISING IN TOPIC MODELING MICHELE GUINDANI, UNIVERSITY OF CALIFORNIA IRVINE TOPIC: A BAYESIAN NONPARAMETRIC SPIKED PROCESS PRIOR FOR DYNAMIC MODEL SELECTION MARIA DE IORIO, YALE-NUS COLLEGE TOPIC: BAYESIAN NONPARAMETRIC AUTOREGRESSIVE MODELS VIA LATENT VARIABLE REPRESENTATION CHAIR: YANXUN XU, JOHNS HOPKINS UNIVERSITY
20TH AUGUST 2019	2.00 PM - 3.40 PM	IPS-67	EXTREMES, GRAPHICAL MODELS AND CAUSALITY	SEBASTIAN ENGELKE, SCHOOL OF MANAGEMENT AND ECONOMICS, UNIVERSITY OF GENEVA	JOHAN SEGERS, UNIVERSITÉ CATHOLIQUE DE LOUVAIN TOPIC: EXTREMAL DEPENDENCE IN A HÜSLER–REISS MARKOV TREE VALÉRIE CHAVEZ-DEMOULIN, UNIVERSITY OF LAUSANNE TOPIC: QUANTILE-BASED APPROACHES FOR TAIL CAUSALITY

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					CLAUDIA KLUPELBERG, TECHNICAL UNIVERSITY MUNICH TOPIC: RECURSIVE MAX-LINEAR MODELS: FROM ALGEBRA TO STATISTICS CHAIR: SEBASTIAN ENGELKE, UNIVERSITY OF GENEVA
21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-102	INCOME CONSUMPTION AND WEALTH STATISTICS WITH FOCUS ON INEQUALITY	SIGITA GRUNDIZA, EUROSTAT	PETER VAN DE VEN, OECD TOPIC: INCLUSIVE GROWTH: DOES ECONOMIC GROWTH BENEFIT ALL? ARJAN BRUIL, STATISTICS NETHERLANDS TOPIC: A COMPLETE MEASURE OF WEALTH AND WEALTH INEQUALITY FRIDERIKE OEHLER, EUROSTAT TOPIC: INCOME, CONSUMPTION AND WEALTH DATA INTEGRATION - A HOUSEHOLD PERSPECTIVE ILJA KRISTIAN KAVONIUS, ECB TOPIC: MEASUREMENT OF WEALTH INEQUALITY WITH DISTRIBUTIONAL FINANCIAL ACCOUNTS INDICATORS DISCUSSANT: LUKASZ AUGUSTYNIAK, ESTAT CHAIR: GALLO GUEYE, EUROSTAT
21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-107	YS-ISI SESSION: COMPUTATIONAL STATISTICS AND APPLICATIONS	HAN-MING (HANK) WU, DEPARTMENT OF STATISTICS, NATIONAL TAIPEI UNIVERSITY	XIAOFEI XU, NATIONAL UNIVERSITY OF SINGAPORE TOPIC: REGULARIZED PARTIALLY FUNCTIONAL AUTOREGRESSIVE MODEL IN HIGH DIMENSION WITH APPLICATION TO NATURAL GAS FLOWS IN GERMANY MASAOKI IMAIZUMI, THE INSTITUTE OF STATISTICAL MATHEMATICS TOPIC: STATISTICAL ESTIMATION FOR NON-SMOOTH FUNCTIONS BY DEEP NEURAL NETWORKS THORDIS THORARINSDOTTIR, NORWEGIAN COMPUTING CENTER TOPIC: ON DEVELOPING GENERAL AND EFFICIENT INFERENCE ALGORITHMS FOR COMPLICATED HIERARCHICAL MODELS

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					GLORIA MATHENGE, UNITED NATIONS ECONOMIC COMMISSION FOR AFRICA TOPIC: TBA CHAIR: HAN-MING (HANK) WU, NATIONAL TAIPEI UNIVERSITY
21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-109	STATISTICAL LITERACY AND CITIZEN'S PARTICIPATION: A CALL FOR CIVIC STATISTICS	JOACHIM ENGEL, LUDWIGSBURG UNIVERSITY OF EDUCATION	JOACHIM ENGEL, LUDWIGSBURG UNIVERSITY OF EDUCATION TOPIC: CIVIC STATISTICS: BIG IDEAS, NEEDS AND CHALLENGES. WHY WE NEED A NEW SUBDISCIPLINE PEDRO CAMPOS, UNIVERSITY OF PORTO TOPIC: CIVICSTATSMAP: MAPPING RESOURCES TO IMPROVE CIVIC STATISTICS DANIEL FRISCHEMEIER, UNIVERSITY OF PADERBORN TOPIC: PROMOTING CIVIC STATISTICS - FROM THE PERSPECTIVE OF A DATA SCIENCE IN SOCIAL RESPONSIBILITY ROSIE RIDGWAY, UNIVERSITY OF DURHAM TOPIC: CITIZEN EMPOWERMENT – CHANGING THE FACE OF STATISTICAL LITERACY DISCUSSANT: STEVE MACFEELY, UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT (UNCTAD) CHAIR: TERESITA EVELINA TERÁN, ROSARIO NATIONAL UNIVERSITY
21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-122	HOW TO CREATE INNOVATIVE ENVIRONMENTS TO HARNESS BIG DATA IN OFFICIAL STATISTICS: EXAMPLES FROM FOUR NATIONAL STATISTICAL INSTITUTES.	ANDERS J S HOLMBERG, STATISTICS NORWAY	ANDERS J S HOLMBERG, STATISTICS NORWAY TOPIC: BIG INSIGHTS THROUGH A PARTNERSHIP MODEL: STATISTICS NORWAY'S APPROACH TO BUILD CAPABILITIES TO USE UNCONVENTIONAL DATA IN OFFICIAL STATISTICS. TOM SMITH, OFFICE OF NATIONAL STATISTICS TOPIC: INNOVATION IN A NATIONAL STATISTICAL INSTITUTE: THE UK DATA SCIENCE CAMPUS SOFIE DE BROE, STATISTICS NETHERLANDS TOPIC: HOW TO CREATE INNOVATIVE ENVIRONMENTS TO HARNESS BIG DATA IN OFFICIAL STATISTICS

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					<p>ÈLISE COUDIN, INSEE FRANCE TOPIC: THE SSP LAB : THE FRENCH NSI DATASCIENCE LAB EXPERIENCE DISCUSSANT: VINCE GALVIN, STATS NZ CHAIR: EDUARDO BARREDO-CAPELOT, EUROSTAT, SPAIN</p>
21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-146	THE QUALITY OF BIG DATA IS MORE THAN A PROBLEM TODAY (OVERVIEW WITH RECOMMENDATIONS)	VASILY SIMCHERA, RUSSIAN ACADEMY OF ECONOMY SCIENCE	<p>MAREK CIEPIAL-WOLAN, POLISH STATISTICAL ASSOCIATION – BRANCH IN RZESZOW TOPIC: THE ROLE OF BIG DATA IN THE IMPROVEMENT OF CONSISTENCY BETWEEN BALANCE OF PAYMENTS AND TOURISM STATISTICS VLADIMIR KULIKOV, INTERNATIONAL INSTITUTE FOR SOCIAL AND ECONOMIC STUDIES TOPIC: STOCHASTIC SEARCH MODEL AND ELIMINATION OF FALSE DATA RUSLAN MOTORYN, KYIV NATIONAL UNIVERSITY OF TRADE AND ECONOMICS, UKRAINE TOPIC: PROSPECTS FOR THE DEVELOPMENT OF HIGHER EDUCATION BASED ON BIG DATA TECHNOLOGY SERGEY NESTEROV, COUTTS COMMUNICATIONS TOPIC: THE QUALITY OF BIG DATA IS MORE THAN A PROBLEM TODAY (OVERVIEW) JAN SIMCHERA, INTERNATIONAL INSTITUTE OF ENGINEERING AND ECONOMICAL STUDIES TOPIC: BIG DATA AND METRICS OF SOLIDARITY ECONOMY DISCUSSANT: MISHA BELKINDAS, OPEN DATA WATCH CHAIR: JOZEF OLENSKI, LAZARSKI UNIVERSITY</p>

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21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-156	STATISTICS FOR CLIMATE EXTREMES	HOLGER ROOTZÉN, CHALMERS	<p>FRANCIS ZWIERS, PACIFIC CLIMATE IMPACTS CONSORTIUM (PCIC) AT THE UNIVERSITY OF VICTORIA TOPIC: HOW MUCH INFORMATION IS REQUIRED TO WELL-CONSTRAIN LOCAL ESTIMATES OF FUTURE PRECIPITATION EXTREMES?</p> <p>PETER GUTTORP, NORWEGIAN COMPUTING CENTER TOPIC: NONSTATIONARY MODELING OF STORM SURGES</p> <p>SEBASTIAN ENGELKE, SCHOOL OF MANAGEMENT AND ECONOMICS, UNIVERSITY OF GENEVA TOPIC: AN ENTROPY-BASED TEST FOR MULTIVARIATE THRESHOLD EXCEEDANCES</p> <p>ANTHONY C. DAVISON, DEPARTMENT OF STATISTICS, ECOLE POLYTECHNIQUE DE LAUSANNE TOPIC: GENERALISED PEAKS OVER THRESHOLD INFERENCE FOR COMPLEX EVENTS</p> <p>ANNA KIRILIOUK, SCHOOL OF ECONOMIC, ERASMUS UNIVERSITY ROTTERDAM TOPIC: CLIMATE EVENT ATTRIBUTION USING MULTIVARIATE PEAKS-OVER-THRESHOLDS MODELLING</p> <p>CHAIR: HOLGER ROOTZÉN, MATHEMATICAL SCIENCES, CHALMERS</p>
21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-186	ASSESSING THE IMPACT OF HEALTH EDUCATION AND MANAGEMENT IN COMBATING PREVALENT NON COMMUNICABLE DISEASES AMONG AFRICAN ADULTS	CHRISTOPHER GODWIN UDOMBOSO, UNIVERSITY OF IBADAN	<p>OLAOLUWA SIMON YAYA, UNIVERSITY OF IBADAN, IBADAN, NIGERIA TOPIC: MODELLING LONG RANGE DEPENDENCE AND NON-LINEARITY IN THE INFANT MORTALITY RATES OF AFRICA COUNTRIES</p> <p>CAROLINE FADEKE AJILOGBA, NORTH WEST UNIVERSITY, MAFIKENG CAMPUS, SOUTH AFRICA TOPIC: MANAGEMENT OF NON COMMUNICABLE DISEASES-THE SOUTH AFRICAN PERSPECTIVE</p>

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					<p>NDABYO KATOTOLA, MAFIKENG/BOPHELONG GENERAL HOSPITAL, MAFIKENG, SOUTH AFRICA TOPIC: ASSESSING THE IMPACT OF HEALTH EDUCATION AND MANAGEMENT IN COMBATING PREVALENT NON COMMUNICABLE DISEASES AMONG AFRICAN ADULTS</p> <p>PAMELA CHIKODI ACHINONU, UNIVERSITY OF IBADAN, NIGERIA TOPIC: PREDICTIVE ANALYSIS OF NON-COMMUNICABLE DISEASES INDUCED-MORTALITY IN THE WEST AFRICA SUB-REGION WITH IMPLICATIONS FOR PSYCHOSOCIAL SUPPORT</p> <p>IYANUOLUWA OROFE OJO, UNIVERSITY COLLEGE HOSPITAL, IBADAN, NIGERIA TOPIC: KNOWLEDGE OF HEPATITIS B INFECTION AND THE UPTAKE OF ITS PREVENTIVE MEASURES AMONG STUDENTS IN A NIGERIAN UNIVERSITY</p> <p>ADENIYI FRANCIS FAGBAMIGBE, DEPARTMENT OF EPIDEMIOLOGY AND MEDICAL STATISTICS, FACULTY OF PUBLIC HEALTH, COLLEGE OF MEDICINE, UNIVERSITY OF IBADAN, IBADAN, NIGERIA. TOPIC: ON THE DISCRIMINATORY AND PREDICTIVE ACCURACY OF RDT AGAINST THE MICROSCOPY SMEAR TESTS IN THE DIAGNOSIS OF MALARIA AMONG UNDER-FIVE CHILDREN IN NIGERIA DISCUSSANT: ISAAC KWAME DONTWI, KWAME NKUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, KUMASI, GHANA DISCUSSANT: CHOJA ODUARAN, NORTH WEST UNIVERSITY, MAFIKENG CAMPUS, SOUTH AFRICA CHAIR: ANGELA UNNA CHUKWU, UNIVERSITY OF IBADAN, IBADAN, NIGERIA</p>
21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-188	SHORT TERM SURVEYS, BIG DATA AND INFLATION	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	<p>JAN-EGBERT STURM, CIRET C/O KOF SWISS ECONOMIC INSTITUTE TOPIC: THE KOF-FGV GLOBAL ECONOMIC BAROMETER: A COMPOSITE LEADING INDICATOR FOR THE WORLD ECONOMY</p>

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					<p>JANA JONCKHEERE, NATIONAL BANK OF BELGIUM, BELGIUM TOPIC: CAN INFLATION EXPECTATIONS IN BUSINESS OR CONSUMER SURVEYS IMPROVE INFLATION FORECASTS? ABHIMAN DAS, INDIAN INSTITUTE OF MANAGEMENT AHMEDABAD TOPIC: INFLATION EXPECTATIONS IN INDIA: LEARNING FROM HOUSEHOLD TENDENCY SURVEYS GOBINDA PRASAD SAMANTA, RESERVE BANK OF INDIA TOPIC: DOES GOOGLE SEARCH INDEX HELP TRACK AND PREDICT INFLATION RATE? AN EXPLORATORY ANALYSIS FOR INDIA BRUNO TISSOT, BIS - BANK FOR INTERNATIONAL SETTLEMENTS TOPIC: TBA DISCUSSANT: VAGNER LAERTE ARDEO, CIRET / THE BRAZILIAN INSTITUTE OF ECONOMICS CHAIR: GABRIEL QUIROS, INTERNATIONAL MONETARY FUND (IMF)</p>
21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-229	UBIQUITY AND RISKS OF MACHINE-GENERATED ALGORITHMS	MARY W. GRAY, AMERICAN UNIVERSITY	<p>MARY W. GRAY, AMERICAN UNIVERSITY TOPIC: UBIQUITY AND RISK OF ALGORITHMS FABRO STEIBEL, ITS, RIO DE JANEIRO, BRAZIL TOPIC: AI, STATISTICS AND THE LAW FAISAL AWARTANI, INSIGHTS CONSULTING, RAMALLAH, PALESTINE TOPIC: BIASES IN PREDICTIVE ANALYTICS MODELS WITH EMPHASIS ON GROWTH SCORING AND CREDIT SCORING MODELS FOR MICRO AND SMALL ENTERPRISES REBECCA STEORTS, DUKE UNIVERSITY TOPIC: THE LACK OF PRIVACY PROTECTION IN ENTITY RESOLUTION CHAIR: JANE WALL, AMERICAN UNIVERSITY</p>

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21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-236	DIGITISATION, GLOBALISATION - STATISTICAL ASSOCIATIONS' ROLE AT NATIONAL, EUROPEAN AND INTERNATIONAL LEVEL	WALTER J. RADERMACHER, FENSTATS	<p>CAROLINE WILLEKE, CENTRAL BANK STATISTICS TOPIC: DIGITISATION, GLOBALISATION - STATISTICAL ASSOCIATIONS' ROLE AT NATIONAL, EUROPEAN AND INTERNATIONAL LEVEL</p> <p>MONICA PRATESI, ITALIAN STATISTICAL SOCIETY, SIS TOPIC: DATA TO CHANGE: THE ROLE OF STATISTICAL ASSOCIATIONS</p> <p>EVA LACZKA, HUNGARIAN STATISTICAL ASSOCIATION, HSA TOPIC: INFLUENCE OF THE DIGITAL ERA AND GLOABALISATION ON THE FUNCTIONING OF NATIONAL STATISTICAL SOCIETIES</p> <p>KSENIJA DUMICIC, CROATIAN STATISTICAL ASSOCIATION, CSA TOPIC: INDIVIDUALS USING THE INTERNET FOR ORDERING GOODS OR SERVICES RELATED TO SELECTED DIGITAL AND ECONOMIC DEVELOPMENT LEVEL INDICATORS: CLUSTER ANALYSIS OF EUROPEAN COUNTRIES</p> <p>DISCUSSANT: KONRAD PESENDORFER, AUSTRIAN STATISTICAL SOCIETY, ÖSG</p> <p>DISCUSSANT: HELEN MACGILLIVRAY, ISI PRESIDENT</p> <p>CHAIR: WALTER J. RADERMACHER, FENSTATS</p>
21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-298	TOWARDS UNIVERSAL HOLISTIC FRAMEWORK OF MONITORING AND EVALUATION OF SDG	NOR ALKASHAH ARIF SHAH, DEPARTMENT OF STATISTICS MALAYSIA	<p>AHMAD KAMAL WASIS@WAKSIS, ECONOMIC PLANNING UNIT TOPIC: TBA</p> <p>SETIA PRAMANA, INSTITUTE OF STATISTICS, BPS STATISTICS INDONESIA TOPIC: BIG DATA FOR SDGS MONITORING IN INDONESIA: POTENTIAL IMPLEMENTATIONS AND CHALLENGES</p> <p>MARK COURTENAY HERWARD, UNICEF TOPIC: HOW DO NATIONAL TARGETS MEASURE UP TO GLOBAL VISION OF THE 2030 AGENDA?</p> <p>AHMAD JESSREE KAMARUDDIN, DEPARTMENT OF STATISTICS MALAYSIA, MALAYSIA TOPIC: TBA</p>

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					CHAIR: NAZARIA BAHARUDIN, DEPARTMENT OF STATISTICS MALAYSIA, MALAYSIA
21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-307	SPECIAL PURPOSE ENTITIES: HOW CAN SUCH A CHALLENGE TO MACROECONOMIC STATISTICS BE MITIGATED?	CARLOS SANCHEZ-MUNOZ, INTERNATIONAL MONETARY FUND	CARLOS SANCHEZ-MUNOZ, INTERNATIONAL MONETARY FUND TOPIC: IMF STRATEGY FOR ADDRESSING STATISTICAL GAPS RELATED TO THE EXISTENCE OF SPECIAL PURPOSE ENTITIES GIAN MARIA MILESI-FERRETTI, INTERNATIONAL MONETARY FUND TOPIC: MEASURING INTERNATIONAL FINANCIAL INTEGRATION: A PRACTITIONER'S PERSPECTIVE PANEL DISCUSSION WITH: TJEERD JELLEMA, EUROPEAN CENTRAL BANK MELLE BIJLSMA, DE NEDERLANDSCHE BANK JITENDRA NATHSINGH BISSESSUR, BANK OF MAURITIUS MARIA BORGA, OECD CHAIR: LOUIS MARC DUCHARME, INTERNATIONAL MONETARY FUND
21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-51	LINKED DATA QUALITY: MEASUREMENT AND CORRECTION OF ERRORS FOR BETTER USE OF LINKED DATA	ANDREA DINIZ DA SILVA, NATIONAL SCHOOL OF STATISTICAL SCIENCE BRAZIL	PETER CHRISTEN, AUSTRALIAN NATIONAL UNIVERSITY TOPIC: PROBLEMS WHEN USING THE F-MEASURE FOR EVALUATING RECORD LINKAGE SYSTEMS ENRICO FABRIZI, CATHOLIC UNIVERSITY OF THE SACRED HEART OF MILANO TOPIC: SMALL AREA ESTIMATION WITH LINKED DATA UNDER AREA MEMBERSHIP UNCERTAINTY LEILA D. AMORIM, FEDERAL UNIVERSITY OF BAHIA TOPIC: CHALLENGES IN ASSESSING THE ACCURACY OF PROBABILISTIC DATA LINKAGE OVER LARGE DATABASES DISCUSSANT: PARTHA LAHIRI, UNIVERSITY OF MARYLAND CHAIR & CO-ORGANISER: RAY CHAMBERS, UNIVERSITY OF WOLLONG

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21ST AUGUST 2019	10.30 AM - 12.30 PM	IPS-80	BERNOULLI SOCIETY NEW RESEARCHER AWARD SESSION 2019	LEONARDO ROLLA, BERNOULLI	PO-LING LOH, UNIVERSITY OF WISCONSIN-MADISON TOPIC: OPTIMIZATION CHALLENGES FROM ROBUST STATISTICS GONGJUN XU, UNIVERSITY OF MICHIGAN TOPIC: PARTIAL IDENTIFIABILITY OF RESTRICTED LATENT CLASS MODELS LINGZHOU XUE, PENNSYLVANIA STATE UNIVERSITY TOPIC: FISHER'S COMBINED PROBABILITY TESTS FOR COMPLEX, HIGH DIMENSIONAL DATA CHAIR: SUSAN MURPHY, BERNOULLI SOCIETY
21ST AUGUST 2019	2.00 PM - 3.40 PM	IPS-139	IMPACT EVALUATION FOR SMALL AREAS	STEFAN ANDREAS SPERLICH, UNIVERSITY OF GENEVA	WENDY CHAN, UNIVERSITY OF PENNSYLVANIA (USA) TOPIC: SMALL AREA ESTIMATION FOR GENERALIZATION SETAREH RANJBAR, UNIVERSITY OF GENEVA (SWITZERLAND) TOPIC: CAUSAL INFERENCES IN SMALL AREA ESTIMATION KATARZYNA RELUGA, UNIVERSITY OF GENEVA TOPIC: SIMULTANEOUS PREDICTION INTERVALS FOR SMALL AREA PARAMETER CHAIR: STEFAN ANDREAS SPERLICH, UNIVERSITY OF GENEVA
21ST AUGUST 2019	2.00 PM - 3.40 PM	IPS-175	METHODOLOGICAL DEVELOPMENT OF GLOBAL SDG INDICATORS	CHRISTINE MAYER, EUROSTAT	PIETRO GENNARI, FAO TOPIC: VALIDATION OF METHODS AND DATA FOR SDG INDICATORS KHONDKAR RIFAT HOSSAIN, WORLD HEALTH ORGANIZATION TOPIC: METHODOLOGICAL DEVELOPMENTS RELATED TO SDG HEALTH INDICATORS JILLIAN EMMA CAMPBELL, UN ENVIRONMENT TOPIC: COUPLING NATIONAL DATA WITH GLOBAL MODELLING TO MONITOR THE ENVIRONMENTAL DIMENSION OF THE SDGS DISCUSSANT: VIVEKA PALM, SCB - STATISTICS SWEDEN CHAIR: CHRISTINE WIRTZ, EUROSTAT
21ST AUGUST 2019	2.00 PM - 3.40 PM	IPS-177	BENEFITTING FROM DATA SHARING BETWEEN INSTITUTIONS	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	RENATO BALDINI JR, CENTRAL BANK OF BRAZIL TOPIC: INTEGRATING DATA FROM OFFICIAL AND MARKET SOURCES: THE CASE OF SECURITIES STATISTICS

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					<p>JOSE MARIA SERENA, BANK FOR INTERNATIONAL SETTLEMENTS TOPIC: TRADE REPOSITORY DATA - DATA ACCESS AND SHARING</p> <p>SAYAKO KONNO MIZUNO, BANK OF JAPAN TOPIC: PROGRESS IN DGI-2 ON SECURITIES STATISTICS AND SECTORAL ACCOUNTS IN JAPAN</p> <p>ANTONIO EULOGIO LORENTE SALMERÓN, BANK OF SPAIN TOPIC: "FSA WG OF THE ECCBSO : COLLABORATION BETWEEN BANCO DE ESPAÑA AND OTHER EUROPEAN NCB TO IMPROVE THE ANALYSIS OF NON-FINANCIAL CORPORATIONS' DATA BY DATA SHARING"</p> <p>ALEKSANDRA BUJNOWSKA, EUROSTAT TOPIC: A REFLECTION ON PRIVACY AND DATA CONFIDENTIALITY IN OFFICIAL STATISTICS</p> <p>CHAIR: MOON SO SANG, BANK OF KOREA</p>
21ST AUGUST 2019	2.00 PM - 3.40 PM	IPS-244	INTEGRATION FOR EFFICIENCY IN AGRICULTURAL STATISTICS	FLAVIO PINTO BOLLIGER, FAO	<p>FLAVIO PINTO BOLLIGER, UNITED NATIONS FOOD AND AGRICULTURE ORGANIZATION - FAO TOPIC: AGRISURVEY AROUND THE WORLD:</p> <p>NAYO ANKOUVI, FAO TOPIC: CONTRIBUTION OF REMOTE SENSING PRODUCTS IN THE DESIGN OF AREA FRAMES FOR AGRICULTURAL STATISTICS: OUTPUTS OF A PILOT STUDY IN CÔTE D'IVOIRE</p> <p>HEM RAJ REGMI, NEPAL CENTRAL BUREAU OF STATISTICS, NEPAL TOPIC: STRATEGIC PLANNING FOR AGRICULTURE AND RURAL STATISTICS (SPARS) AND ITS IMPACT AT COUNTRY LEVEL</p> <p>CHAIR: CHRISTOPHE DUHAMEL, FAO</p>
21ST AUGUST 2019	2.00 PM - 3.40 PM	IPS-26	PERSPECTIVES ON STATISTICAL METHODS FOR TIME DEPENDENT PROCESSES	ARTURO KOHATSUHIGA, RITSUMEIKAN UNIVERSITY	<p>ANASTASIA PAPAVALIOU, WARWICK UNIVERSITY TOPIC: A ROUGH PATH APPROACH TO STATISTICAL INFERENCE FOR STOCHASTIC PROCESSES</p> <p>YUTA KOIKE, UNIVERSITY OF TOKYO TOPIC: ASYMPTOTIC MIXED NORMALITY OF REALIZED COVARIANCE IN HIGH-DIMENSIONS</p>

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					PAOLO PIGATO, WEIERSTRASS INSTITUTE FOR APPLIED ANALYSIS AND STOCHASTICS TOPIC: PARAMETERS ESTIMATION IN A THRESHOLD DIFFUSION
21ST AUGUST 2019	2.00 PM - 3.40 PM	IPS-275	IMPROVING THE EVIDENCE BASE FOR POLICY MAKING THROUGH INNOVATIONS IN DATA COLLECTION AND ANALYSIS	KENNETH SIMLER, WORLD BANK	PAUL CHEUNG, NATIONAL UNIVERSITY OF SINGAPORE TOPIC: DEVELOPING LOCATION INFORMATION SYSTEMS IN NATIONAL STATISTICAL OFFICES: PROGRESS AND CHALLENGES WILLIAM SEITZ, WORLD BANK TOPIC: BLACKOUT OR BLANKED OUT? MONITORING THE QUALITY OF ELECTRICITY SERVICE IN DEVELOPING COUNTRIES SAMUEL FRAIBERGER, WORLD BANK TOPIC: NEWS-BASED FORECASTS OF ECONOMIC INDICATORS DISCUSSANT: RICHARD RECORD, WORLD BANK
21ST AUGUST 2019	2.00 PM - 3.40 PM	IPS-278	DATA SCIENCE, STATISTICS, AND INFORMATION GENERATION	NALINI RAVISHANKER, UNIVERSITY OF CONNECTICUT, USA	BEATRIZ E. ETCHEGARAY GARCIA, IBM T.J. WATSON RESEARCH CENTER TOPIC: ENTERPRISE BUSINESS METRIC FORECASTING ARNOLDO FRIGESSI, UNIVERSITY OF OSLO TOPIC: DIVERSITY IN PERSONALISED RECOMMENDATIONS WITH UNCERTAINTY USING THE BAYESIAN MALLOWS MODEL ROB J. HYNDMAN, MONASH UNIVERSITY TOPIC: FORECASTING IS NOT PROPHECY: DEALING WITH HIGH-DIMENSIONAL PROBABILISTIC FORECASTS IN PRACTICE V. KUMAR, GEORGIA STATE UNIVERSITY TOPIC: EXTENDING THE CUSTOMER LIFECYCLE: OPTIMAL RESOURCE ALLOCATION THROUGHOUT THE CUSTOMER JOURNEY CHAIR: RON S. KENNET (CO-ORGANIZER), KPA-GROUP
21ST AUGUST 2019	2.00 PM - 3.40 PM	IPS-286	CAUSAL INFERENCE	MARLOES MAATHUIS, ETH ZURICH	LINBO WANG, DEPARTMENT OF EPIDEMIOLOGY, HARVARD SCHOOL OF PUBLIC HEALTH TOPIC: CAUSAL INFERENCE WITH CONFOUNDERS MISSING NOT AT RANDOM

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					<p>ELIAS BAREINBOIM, DEPARTMENT OF COMPUTER SCIENCE, PURDUE UNIVERSITY TOPIC: CAUSAL INFERENCE AND THE DATA FUSION PROBLEM</p> <p>VANESSA DIDELEZ, LEIBNIZ INSTITUTE FOR PREVENTION RESEARCH AND EPIDEMIOLOGY TOPIC: CAUSAL MEDIATION WITH LONGITUDINAL MEDIATOR AND SURVIVAL OUTCOME</p>
21ST AUGUST 2019	2.00 PM - 3.40 PM	IPS-61	NEW DEVELOPMENTS IN TIME SERIES ANALYSIS FOR COMPLEX DATA	ALEXANDER AUE, UNIVERSITY OF CALIFORNIA, DAVIS	<p>ALEXANDER AUE, UNIVERSITY OF CALIFORNIA, DAVIS TOPIC: TESTING FOR STATIONARITY OF FUNCTIONAL TIME SERIES IN THE FREQUENCY DOMAIN</p> <p>RICHARD DAVIS A, COLUMBIA UNIVERSITY TOPIC: THE USE OF SHAPE CONSTRAINTS FOR MODELING TIME SERIES OF COUNTS</p> <p>RITUPARNA SEN, INDIAN STATISTICAL INSTITUTE, CHENNAI TOPIC: GRANGER CAUSALITY IN YIELD CURVES OF DIFFERENT MARKETS</p> <p>QIWEI YAO, LONDON SCHOOL OF ECONOMICS TOPIC: HIGH DIMENSIONAL AND BANDED VECTOR AUTOREGRESSIONS</p> <p>CHAIR: PO-LING LOH, UNIVERSITY OF WISCONSIN</p>
21ST AUGUST 2019	2.00 PM - 3.40 PM	IPS-64	RECENT ADVANCES IN STATISTICAL DATA INTEGRATION	PARTHA LAHIRI, UNIVERSITY OF MARYLAND, USA	<p>JIRAPHAN SUNTORNCHOST, CHULALONGKORN UNIVERSITY TOPIC: AN APPROXIMATE BAYESIAN APPROACH FOR SOLVING DIFFERENT INFERENCE PROBLEMS IN POVERTY RESEARCH FOR SMALL AREAS</p> <p>TIZIANA TUOTO, ISTAT TOPIC: RECENT DEVELOPMENT OF METHODOLOGY AND SOFTWARE ON DATA INTEGRATION AT ISTAT</p> <p>SHREYA SENGUPTA, MINISTRY OF STATISTICS AND PROGRAM IMPLEMENTATION, GOVERNMENT OF INDIA TOPIC: NOWCASTING OF STATE LEVEL POVERTY USING INDIAN HOUSEHOLD CONSUMER EXPENDITURE SURVEY DATA</p>

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					DISCUSSANT: CINZIA CIRILLO, UNIVERSITY OF MARYLAND COLLEGE PARK DISCUSSANT: SNIGDHANSU CHATTERJEE, UNIVERSITY OF MINNESOTA CHAIR: NOOR AKMA IBRAHIM, UNIVERSITI PUTRA MALAYSIA
21ST AUGUST 2019	2.00 PM - 3.40 PM	IPS-96	ASTROSTATISTICS: CHALLENGES IN TIME DOMAIN ASTRONOMY.	JOGESH BABU GUTTI, THE PENNSYLVANIA STATE UNIVERSITY	ERIC D FEIGELSON, THE PENNSYLVANIA STATE UNIVERSITY TOPIC: AUTOREGRESSIVE MODELING OF REGULARLY AND IRREGULARLY SPACED ASTRONOMICAL TIME SERIES VEDRANA ELIZABETH IVEZIC, UNIVERSITY OF WASHINGTON TOPIC: LSST: THE GREATEST COLOR MOVIE OF THE UNIVERSE IS COMING TO YOU! ILYA MANDEL, UNIVERSITY OF BIRMINGHAM TOPIC: ADVENTURES IN ASTROSTATISTICS: BLACK HOLES AND BEYOND DISCUSSANT: FIONN MURTAGH, THE UNIVERSITY OF HUDDERSFIELD CHAIR: JOGESH BABU GUTTI, THE PENNSYLVANIA STATE UNIVERSITY
21ST AUGUST 2019	4.00 PM - 5.40 PM	IPS-184	ANALYTICAL USE AND APPLICATIONS OF FINANCIAL ACCOUNTS AND MACROECONOMIC BALANCE SHEETS	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	ILJA KRISTIAN KRISTIAN KAVONIUS, EUROPEAN CENTRAL BANK (ECB) TOPIC: THE FINANCIAL BEHAVIOR OF THE NON-FINANCIAL SECTORS IN THE EURO AREA: A HISTORICAL PERSPECTIVE SUSAN HUME MCINTOSH, BOARD OF GOVERNORS OF THE FEDERAL RESERVE SYSTEM TOPIC: DISTRIBUTIONAL FINANCIAL ACCOUNTS CHRISTIAN PFISTER, BANK OF FRANCE TOPIC: THE FRENCH HOUSEHOLDS' PORTFOLIO: AN APPRAISAL USING THE FINANCIAL ALMOST IDEAL DEMAND SYSTEM

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					KIMIAKI SHINOZAKI, BANK OF JAPAN TOPIC: INTERNATIONAL COMPARISON OF THE BIS INTERNATIONAL BANKING STATISTICS: ESTIMATES OF THE POSITIONS EXCLUDING TRUSTEE BUSINESS IVETTE FERNÁNDEZ, CENTRAL BANK OF CHILE TOPIC: FROM-WHOM-TO-WHOM MATRICES: ANALYSIS OF THE SECTORAL INTERLINKAGES IN CHILE CHAIR: ANDREA SILKE STAPEL-WEBER, EUROPEAN CENTRAL BANK
22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-131	VIOLENCE AGAINST WOMEN	ADRIAN FRANCO BARRIOS, INEGI	MARIA GIUSEPPINA MURATORE, ITALIAN NATIONAL INSTITUTE FOR STATISTICS (ISTAT) TOPIC: THE INTEGRATED SYSTEM ON VAW IN ITALY: MEASURING, COMMUNICATING AND USING VAW DATA ROBERTA CRIALESI, ITALIAN NATIONAL INSTITUTE FOR STATISTICS (ISTAT) TOPIC: HOW TO MEASURE SHELTERS AND SPECIALIZED SERVICES TO SUPPORT VICTIMS OF VIOLENCE ISABEL SCHMIDT, STATISTICS SOUTH AFRICA TOPIC: IMPLICATIONS OF USING A DEMOGRAPHIC AND HEALTH SURVEY WHEN MEASURING VIOLENCE AGAINST OLDER WOMEN LUIS F. RIVERA-GALICIA, UNIVERSITY OF ALCALA TOPIC: GENDER-BASED AND INTIMATE PARTNER VIOLENCE AGAINST WOMEN IN SPAIN CHAIR: ADRIAN FRANCO BARRIOS, INEGI MEXICO
22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-135	SIGNIFICANCE OF RANKED SET SAMPLING AND ADAPTIVE CLUSTER SAMPLING DESIGNS	GIRISH CHANDRA, INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION	JOHAN LIM, SEOUL NATIONAL UNIVERSITY TOPIC: UNBALANCED RANKED SET SAMPLING IN CLUSTER RANDOMIZED STUDIES XINLEI (SHERRY) WANG, DEPARTMENT OF STATISTICAL SCIENCE, SOUTHERN METHODIST UNIVERSITY TOPIC: IMPROVED NONPARAMETRIC ESTIMATION USING PARTIALLY ORDERED SETS

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					<p>MIN CHEN, UNIVERSITY OF TEXAS, DALLAS TOPIC: RANKED SET SAMPLING IN SURVIVAL ANALYSIS</p> <p>NEERAJ TIWARI, KUMAUN UNIVERSITY TOPIC: TWO STAGE ADAPTIVE CLUSTER SAMPLING BASED ON ORDERED STATISTICS</p> <p>DISCUSSANT: RAMAN NAUTIYAL, INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION, DEHRADUN, INDIA</p> <p>DISCUSSANT: RAOSAHEB LATPATE, SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE, INDIA</p> <p>CHAIR: GIRISH CHANDRA, INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION</p>
22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-195	THE SYSTEM OF NATIONAL ACCOUNTS (SNA): PAST EXPERIENCES AND FUTURE CHALLENGES	ANDREW SHARPE, INTERNATIONAL ASSOCIATION FOR RESEARCH IN INCOME AND WEALTH	<p>PETER VAN DE VEN, OECD TOPIC: IT'S ABOUT TIME FOR A CHANGE: BROADENING THE SNA FRAMEWORK TO ACCOUNT FOR SUSTAINABILITY AND WELL-BEING</p> <p>ALBERT BRAAKMANN, FEDERAL STATISTICAL OFFICE OF GERMANY TOPIC: BROADENING THE SCOPE OF GDP – A STOCKTAKING ON INCLUDING ECOLOGICAL DEVELOPMENTS AND OTHER BASIC CONCEPTUAL AMENDMENTS</p> <p>SILKE STAPEL-WEBER, EUROPEAN CENTRAL BANK TOPIC: IMPLEMENTING GLOBALIZATION IN NATIONAL ACCOUNTS: PRACTICAL STEPS IN EUROPE</p> <p>GABRIEL QUIROS, INTERNATIONAL MONETARY FUND TOPIC: THE SYSTEM OF NATIONAL ACCOUNTS (SNA): PAST EXPERIENCES AND FUTURE CHALLENGES - TITLE: THE NEXT GENERATION OF INTERNATIONAL STATISTICAL STANDARDS: AN IMF VIEW</p>

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22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-214	STATISTICAL INFERENCE AND METHODS FOR EMERGING MANIFOLD DATA	SENG HUAT ONG, UCSI UNIVERSITY	<p>ASHIS SENGUPTA, INDIAN STATISTICAL INSTITUTE, KOLKATA, INDIA TOPIC: UNIVERSAL AND EFFICIENT TESTS FOR ANALYSIS OF MEAN DIRECTION VECTORS</p> <p>VARGHESE GEORGE, AUGUSTA UNIVERSITY, USA TOPIC: STATISTICAL METHODS FOR DIFFERENTIALLY METHYLATED REGIONS</p> <p>YOGENDRA P. CHAUBEY, CONCORDIA UNIVERSITY, CANADA TOPIC: APPLICATION OF FELLER'S LEMMA FOR NON-PARAMETRIC DENSITY ESTIMATION: THE CASE OF DIRECTIONAL DATA</p> <p>SHOGO KATO, INSTITUTE OF STATISTICAL MATHEMATICS, TOKYO, JAPAN TOPIC: MÖBIUS TRANSFORMATION AND A CAUCHY FAMILY ON THE SPHERE</p> <p>CHOUNG MIN NG, INSTITUTE OF MATHEMATICAL SCIENCES, UNIVERSITY OF MALAYA, MALAYSIA TOPIC: GENERATING FUNCTION BASED ESTIMATION FOR A FAMILY OF CIRCULAR DISTRIBUTIONS</p> <p>TOMOAKI IMOTO, UNIVERSITY OF SHIZUOKA TOPIC: SINE-CORRELATED DISTRIBUTION ON THE TORUS CHAIR: SENG HUAT ONG, UNIVERSITY OF MALAYA; UCSI UNIVERSITY</p>

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22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-224	GOVERNANCE MODELS AND THEIR IMPACT ON QUALITY IN STATISTICAL SYSTEMS	EDUARDO BARREDO CAPELOT, EUROSTAT	<p>NICOLA SHEARMAN, UK STATISTICS AUTHORITY TOPIC: QUALITY STATISTICS AS A TRUSTED SOURCE OF INFORMATION</p> <p>WENDY L MARTINEZ, MATHEMATICAL STATISTICS RESEARCH CENTER OFFICE OF SURVEY METHODS RESEARCH U.S. BUREAU OF LABOR STATISTICS TOPIC: ORGANIZATION OF STATISTICAL AGENCIES IN THE UNITED STATES</p> <p>DELINA IBRAHIMAJ, DIRECTOR GENERAL FROM INSTAT, ALBANIA TOPIC: GOVERNANCE MODELS AND THEIR IMPACT ON QUALITY IN THE STATISTICAL SYSTEM</p> <p>JEAN MICHEL DURR, INSEE TOPIC: THE BALANCE BETWEEN GOVERNANCE SUPPORT NEEDED AND INFLUENCE AVOIDED; THE CASE OF POPULATION CENSUSES IN DEVELOPING COUNTRIES</p> <p>JORGE TODESCA, PRESIDENT INDEC ARGENTINA TOPIC: GOVERNANCE MODELS AND THEIR IMPACT ON QUALITY IN STATISTICAL SYSTEMS - THE CASE OF ARGENTINA CHAIR: MARIANA KOTZEVA, DG EUROSTAT</p>

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22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-234	BIG DATA AND SMALL AREAS IN MONITORING SUSTAINABLE DEVELOPMENT GOALS	MONICA PRATESI, UNIVERSITY OF PISA	<p>NIKOS TZAVIDIS, UNIVERSITY OF SOUTHAMPTON TOPIC: ALTERNATIVE SPATIAL DATA SOURCES FOR SMALL AREA ESTIMATION IN DEVELOPING COUNTRIES</p> <p>RALF MUENNICH, UNIVERSITY OF TRIER TOPIC: MEASURING WELL-BEING AT LOCAL LEVEL USING BIG DATA</p> <p>STEFANO MARCHETTI, UNIVERSITY OF PISA TOPIC: SMALL AREA POVERTY INDICATORS ADJUSTED USING LOCAL PRICE INDEXES</p> <p>JAN VAN DEN BRAKEL, STATISTICS NETHERLANDS TOPIC: STATE-SPACE DYNAMIC FACTOR MODEL FOR NOW CASTING UNEMPLOYMENT</p> <p>DISCUSSANT: FABIO BACCHINI, ISTAT - MAKSWELL PROJECT COORDINATOR</p> <p>DISCUSSANT: ESPEN BEER PRYDZ, CENTER FOR DEVELOPMENT DATA (C4D2) THE WORLD BANK GROUP</p> <p>CHAIR: LUIGI BIGGERI, INTERUNIVERSITY TUSCANY CENTRE "CAMILO DAGUM"</p>
22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-242	ETHICS OF DATA COMMUNICATION	REGINA NUZZO, GALLAUDET UNIVERSITY	<p>JESSICA UTTS, UNIVERSITY OF CALIFORNIA - IRVINE TOPIC: COMMUNICATING CONTROVERSIAL RESULTS TO THE PUBLIC</p> <p>ROBERT CUFFE, BBC TOPIC: THE VIEW FROM INSIDE THE NEWSROOM</p> <p>RAFAEL IRIZARRY, HARVARD UNIVERSITY TOPIC: TBA</p> <p>PANEL DISCUSSION WITH: ANDREAS VASILIOS GEORGIU, AMHERST COLLEGE, USA</p> <p>CHAIR: LIBERTY VITTERT, UNIVERSITY OF GLASGOW</p>

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22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-264	INTRA-COUNTRY COMPARISONS OF POVERTY AND LIVING CONDITIONS: INFLUENCE FACTORS, STATISTICAL METHODS AND APPLICATIONS	LUIGI BIGGERI, INTERUNIVERSITY TUSCANY CENTRE "CAMILO DAGUM" AND UNIVERISTY OF FLORENCE	<p>KENNETH SIMLER, WORLD BANK TOPIC: PINPOINTING POVERTY IN EUROPE: USING SMALL-AREA ESTIMATION TO INFORM POLICIES</p> <p>OLIVER HUEMBELIN, DEPARTMENT OF SOCIAL SCIENCES, UNIVERSITY OF BERNE, SWITZERLAND TOPIC: THE IMPACT OF REDISTRIBUTION THROUGH TAXES AND DEDUCTIONS ON THE INCOME DISTRIBUTION - A DECOMPOSITION ANALYSIS WITH ADMINISTRATIVE TAX DATA FROM SWITZERLAND</p> <p>EILEEN ECAPILIT, ASIAN DEVELOPMENT BANK TOPIC: POVERTY LINES OR WELL-BEING: WHAT DO WE REALLY CAPTURE IN ICP?</p> <p>GAIA BERTARELLI, UNIVERSITÀ DI PISA, ITALY TOPIC: DEFINITION, ESTIMATION AND USE OF POVERTY LINE AT SUB-NATIONAL (LOCAL) LEVEL: DO LOCAL THRESHOLDS AND PRICES MAKE A DIFFERENCE? DISCUSSANT: MONICA PRATESI, UNIVERSITY OF PISA - INTERUNIVERSITY TUSCANY CENTRE "CAMILO DAGUM" CHAIR: TIZIANA LAURETI, UNIVERSITY OF TUSCIA</p>
22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-273	COCLUSTERING: MODEL BASED OR MODEL FREE APPROACHES?	CHRISTOPHE BIERNACKI, INRIA	<p>NIAL FRIEL, UNIVERSITY COLLEGE DUBIN TOPIC: SOME RECENT DEVELOPMENTS IN THE ANALYSIS OF BIPARTITE NETWORKS</p> <p>TOMOKI TOKUDA, OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY GRADUATE UNIVERSITY TOPIC: MULTIPLE CO-CLUSTERING WITH HETEROGENOUS MARGINAL DISTRIBUTIONS AND ITS APPLICATION TO IDENTIFY SUBTYPES OF DEPRESSIVE DISORDER</p> <p>MOHAMED NADIF, UNIVERSITÉ PARIS DESCARTES TOPIC: REGULARIZED SPECTRAL CO-CLUSTERING</p> <p>CHARLOTTE LACLAU, UNIVERSITÉ GRENOBLE ALPES TOPIC: CO-CLUSTERING THROUGH RANK-ONE APPROXIMATION DISCUSSANT: CHRISTINE KERIBIN, UNIVERSITÉ PARIS SUD</p>

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					CHAIR: CHRISTOPHE BIERNACKI, INRIA
22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-291	STATISTICAL SIMULATION AND COMPUTATION IN RESEARCH	IBRAHIM BIN MOHAMED, UNIVERSITY OF MALAYA, KUALA LUMPUR, MALAYSIA	<p>YOSHINORI KAWASAKI, INSTITUTE OF STATISTICAL MATHEMATICS, TOKYO, JAPAN TOPIC: FORECASTING FINANCIAL MARKET VOLATILITY USING A DYNAMIC TOPIC MODEL</p> <p>SURENDRA PAL VERMA, UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO TOPIC: REFINED MODERN PRECISE AND ACCURATE MONTE CARLO SIMULATION PROCEDURE AND NEW CRITICAL VALUES AND PERFORMANCE COMPARISON OF STATISTICAL TESTS AND PARAMETERS</p> <p>YOU BENG KOH, UNIVERSITY OF MALAYA, MALAYSIA TOPIC: MODEL SELECTION BASED ON VALUE-AT-RISK BACKTESTS APPROACH FOR GARCH-TYPE MODELS</p> <p>LIM FONG PENG, UNIVERSITY PUTRA MALAYSIA TOPIC: OUTLIER DETECTION IN 2×2 CROSSOVER DESIGN USING BAYESIAN FRAMEWORK</p> <p>DISCUSSANT: AZAMI ZAHARIM, NATIONAL UNIVERSITY OF MALAYSIA, MALAYSIA</p>
22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-295	HOW TO SCALE UP STATISTICAL ANALYSIS CAPACITY TO ACHIEVE THE SUSTAINABLE DEVELOPMENT GOALS	ERIC VANCE, LISA-UNIVERSITY OF COLORADO BOULDER	<p>ERIC VANCE, LISA-UNIVERSITY OF COLORADO BOULDER TOPIC: HOW THE LISA 2020 PROGRAM IS SCALING UP STATISTICAL ANALYSIS CAPACITY</p> <p>DEMISEW GEBRU DEGEFU, HAWASSA UNIVERSITY, ETHIOPIA TOPIC: CHALLENGES IN STATISTICS IN DEVELOPING COUNTRIES AND THE OPPORTUNITIES FOR STATISTICIANS TO SOLVE DEVELOPMENT CHALLENGES AND ACHIEVE THE SUSTAINABLE DEVELOPMENT GOALS</p>

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					<p>EMANUEL MSEMO, SOKOINE UNIVERSITY OF AGRICULTURE LABORATORY FOR INTERDISCIPLINARY STATISTICAL ANALYSIS TOPIC: SCALING UP STATISTICAL ANALYSIS CAPACITY TO ACHIEVE THE SUSTAINABLE AGRICULTURAL DEVELOPMENT GOALS IN TANZANIA: EVIDENCE FROM SOKOINE UNIVERSITY OF AGRICULTURE LABORATORY FOR INTERDISCIPLINARY STATISTICAL ANALYSIS (SUALISA)</p> <p>LILLIAN SIZIBA, UNIVERSITY OF ZIMBABWE LABORATORY FOR INTERDISCIPLINARY STATISTICAL ANALYSIS TOPIC: UNIVERSITY OF ZIMBABWE LABORATORY FOR INTERDISCIPLINARY STATISTICAL ANALYSIS (UZLISA): A VITAL TOOL FOR SUSTAINABLE DEVELOPMENT IN ZIMBABWE DISCUSSANT: BHASKARI GANGULI, UNIVERSITY OF CALCUTTA, INDIA CHAIR: CARLA ALMEIDA VIVACQUA, UFRN, NATAL, BRAZIL</p>
22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-55	OFFICIAL STATISTICS AND PARLIAMENTS	JEAN-LOUIS BODIN, FORMER ISI PRESIDENT, FRANCE	<p>LUKASZ AUGUSTYNIAK, EUROSTAT TOPIC: PARLIAMENT AND OFFICIAL STATISTICS IN A MULTINATIONAL CONTEXT: AN EU PERSPECTIVE</p> <p>ENRIQUE DE ALBA GUERRA, NATIONAL INSTITUTE OF STATISTICS AND GEOGRAPHICAL INFORMATION (INEGI) TOPIC: OFFICIAL STATISTICS AND PARLIAMENTS' ROLE ON INDEPENDENCE OF NSOS: LATIN AMERICA</p> <p>MISHA BELKINDAS, WORLD BANK TOPIC: US CONGRESS, STATISTICAL SYSTEM, FUNDAMENTAL PRINCIPLES - HOW DOES IT WORK DISCUSSANT: JEAN-LOUIS BODIN, INSEE CHAIR: JOHN PULLINGER, UK NATIONAL STATISTICIAN</p>

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22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-95	MEASURING THE COST OF PRODUCING A GRADUATE OF STATISTICS IN AFRICAN UNIVERSITIES	OLUSANYA ELISA OLUBUSOYE, LECTURING	<p>OLUTUNJI JOHN OLAOMI, UNIVERSITY OF SOUTH AFRICA TOPIC: MEASURING THE COST OF PRODUCING A GRADUATE OF STATISTICS IN AFRICAN UNIVERSITIES – A CASE STUDY OF THE UNIVERSITY OF SOUTH AFRICA</p> <p>ASRAT ATSEDEWYN ANDARGIE, UNIVERSITY OF GONDAR TOPIC: ESTIMATING THE COST OF PRODUCING A GRADUATE OF STATISTICS IN A PUBLIC UNIVERSITY IN ETHIOPIA</p> <p>OLALEKAN JOSEPH AKINTANDE, UNIVERSITY OF IBADAN TOPIC: MEASURING THE COST OF PRODUCING A GRADUATE OF STATISTICS IN AFRICAN UNIVERSITIES: THE CASE OF UNIVERSITY OF IBADAN.</p> <p>ATINUKE OLUSOLA ADEBANJI, KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY TOPIC: MEASURING THE UNIT COST OF PRODUCING A GRADUATE OF STATISTICS DEGREE IN AFRICAN UNIVERSITIES: THE CASE OF GHANA</p> <p>UCHENNA PETRONILLA OGOKE, UNIVERSITY OF PORT HARCOUT TOPIC: ESTIMATING THE COST OF PRODUCING A GRADUATE OF STATISTICS IN A PUBLIC UNIVERSITY IN NIGERIA</p> <p>DISCUSSANT: ADEOYE ADEMOLA SODIPO, UNIVERSITY OF IBADAN CHAIR: OLUSANYA ELISA OLUBUSOYE, UNIVERSITY OF IBADAN LABORATORY FOR INTERDISCIPLINARY STATISTICAL ANALYSIS (UI-LISA)</p>

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22ND AUGUST 2019	10.30 AM - 12.30 PM	IPS-98	STATISTICIAN'S CONTRIBUTION TO THE CURRENTLY DISCUSSED DATA FUSION TECHNOLOGIES	MICHAEL G. SCHIMEK, MEDICAL UNIVERSITY OF GRAZ, AUSTRIA	<p>DANKMAR BOEHNING, UNIVERSITY OF SOUTHAMPTON TOPIC: RESEARCH SYNTHESIS OF RARE COUNT OUTCOME DATA ARISING FROM SEVERAL SOURCES</p> <p>LUCIANA DALLA VALLE, PLYMOUTH UNIVERSITY TOPIC: DATA INTEGRATION OF UNBALANCED SOCIAL MEDIA AND SURVEY INFORMATION VIA CALIBRATION</p> <p>RICARDO JOSÉ CAO ABAD, UNIVERSIDADE DA CORUÑA TOPIC: NONPARAMETRIC MEAN ESTIMATION FOR BIG-BUT-BIASED DATA</p> <p>RICARDO JOSÉ CAO ABAD, UNIVERSIDADE DA CORUÑA TOPIC: TBA</p> <p>VEERA BALADANDAYUTHAPANI, UNIVERSITY OF MICHIGAN TOPIC: INTEGRATIVE BIG DATA MODELS FOR PRECISION MEDICINE CHAIR: MICHAEL G. SCHIMEK, MEDICAL UNIVERSITY OF GRAZ</p>
22ND AUGUST 2019	2.00 PM - 3.40 PM	IPS-101	ADVANCES IN SURVEY STATISTICS FOR TREATING NON-IGNORABLE NONRESPONSE	RISTO LEHTONEN, UNIVERSITY OF HELSINKI, FINLAND	<p>DAVID HAZIZA, UNIVERSITÉ DE MONTRÉAL TOPIC: INSTRUMENTAL CALIBRATION FOR THE TREATMENT OF NONIGNORABLE UNIT NONRESPONSE IN SURVEYS</p> <p>JAE KWANG KIM, IOWA STATE UNIVERSITY TOPIC: SEMIPARAMETRIC NONRESPONSE MODEL WITH NONIGNORABLE NONRESPONSE</p> <p>MARIA GIOVANNA RANALLI, UNIVERSITY OF PERUGIA TOPIC: COMPARING CALIBRATION AND MASS-IMPUTATION METHODS WHEN NONRESPONSE DEPENDS ON THE VARIABLE OF INTEREST CHAIR: DENISE BRITZ DO NASCIMENTO SILVA, BRAZILIAN INSTITUTE OF GEOGRAPHY AND STATISTICS (IBGE)</p>
22ND AUGUST 2019	2.00 PM - 3.40 PM	IPS-140	OUTLIER DETECTION	PETER FILZMOSER, TU WIEN	<p>PETER FILZMOSER, TU WIEN TOPIC: OUTLIER DETECTION IN COMPOSITIONAL DATA: FROM ROW-WISE TO CELL-WISE</p>

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					VALENTIN TODOROV, UNIDO TOPIC: DETECTION AND VISUALIZATION OF OUTLIERS IN ESTABLISHMENT SURVEYS PEDRO DUARTE SILVA, UNIVERSIDADE CATOLICA PORTUGUESA TOPIC: EVALUATING OUTLIER DETECTION METHODS: A CRITICAL REVIEW OF PERFORMANCE MEASURES CHAIR: PATRICK J.F. GROENEN, ERASMUS UNIVERSITY ROTTERDAM, THE NETHERLANDS
22ND AUGUST 2019	2.00 PM - 3.40 PM	IPS-187	ELICITABILITY: GENERALIZATIONS AND THEIR APPLICATION	JOHANNA F. ZIEGEL, UNIVERSITY OF BERN	NICOLAS LAMBERT, STANFORD UNIVERSITY TOPIC: DYNAMIC BELIEF ELICITATION PATRICK SCHMIDT, HEIDELBERG INSTITUTE FOR THEORETICAL STUDIES TOPIC: INTERPRETATION OF POINT FORECASTS WITH UNKNOWN DIRECTIVE ABDELAATI DAOUIA, UNIVERSITY OF TOULOUSE CAPITOLE TOPIC: PROBABILITY-WEIGHTED ELICITABILITY DISCUSSANT: ALEXANDER JORDAN, UNIVERSITY OF BERN CHAIR: THORDIS THORARINSDOTTIR, NORWEGIAN COMPUTING CENTER NORWAY
22ND AUGUST 2019	2.00 PM - 3.40 PM	IPS-219	USING STATISTICS TO CHANGE BEHAVIOUR: SUCCESSFUL CASE STUDIES	KUE PENG CHUAH, BANK NEGARA MALAYSIA	PETER MORGAN, ASIAN DEVELOPMENT BANK INSTITUTE TOPIC: DETERMINANTS AND IMPACTS OF FINANCIAL LITERACY IN THE LAO PDR ICHIRO SUGIMOTO, SOKA UNIVERSITY JAPAN TOPIC: THE CONSTRUCTION OF HISTORICAL GDP ESTIMATES OF SINGAPORE, 1870-1900: PROGRESS AND PERSPECTIVE JULIE PERNG, WORLD BANK, UNITED STATES OF AMERICA TOPIC: POVERTY MEASUREMENT IN THE ERA OF FOOD AWAY FROM HOME: TESTING ALTERNATIVE APPROACHES IN VIETNAM DISCUSSANT: ADRIAN FRANCO BARRIOS, NATIONAL INSTITUTE OF STATISTICS AND GEOGRAPHY (INEGI) CHAIR: KUE PENG CHUAH, BANK NEGARA MALAYSIA

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22ND AUGUST 2019	2.00 PM - 3.40 PM	IPS-233	ENVIRONMENTAL PROCESSES AND HUMAN ACTIVITIES: CAPTURING THEIR INTERACTIONS VIA STATISTICAL METHODS (EPHASTAT)	FEDELE PASQUALE GRECO, UNIVERSITY OF BOLOGNA, ITALY	<p>GIOVANNA JONA LASINIO, SAPIENZA UNIVERSITY OF ROMA TOPIC: BAYESIAN HIERARCHICAL MODELING OF MULTIVARIATE CLIMATE DATA</p> <p>ALESSIO POLLICE, UNIVERSITY OF BARI TOPIC: BAYESIAN MEASUREMENT ERROR CORRECTION IN STRUCTURED ADDITIVE DISTRIBUTIONAL REGRESSION</p> <p>GIANLUCA MASTRANTONIO, POLYTECHNIC OF TORINO TOPIC: ANALYSING A WOLF TRAJECTORY DATA, THROUGH THE NEW FORMALIZATION OF THE LOGISTIC-GAUSSIAN PROCESS</p> <p>SARA FONTANELLA, UNIVERSITY OF TORINO TOPIC: COUPLED GAUSSIAN PROCESSES FOR FUNCTIONAL DATA ANALYSIS</p> <p>CHAIR: FEDELE PASQUALE GRECO, UNIVERSITY OF BOLOGNA, ITALY</p>
22ND AUGUST 2019	2.00 PM - 3.40 PM	IPS-250	BALANCING PRIVACY AND ACCESS IN A CHANGING WORLD – INTERNATIONAL EXPERIENCES	LARS VILHUBER, CORNELL UNIVERSITY	<p>LARS VILHUBER, CORNELL UNIVERSITY TOPIC: CONFIDENTIALITY PROTECTION AND PHYSICAL SAFEGUARDS: A REVIEW</p> <p>STEFAN BENDER, DEUTSCHE BUNDESBANK (GERMANY) TOPIC: STATISTICAL DATA-PRODUCTION IN A DIGITIZED AGE: POTENTIALS FOR STATISTICS, RESEARCH AND SOCIETY</p> <p>CARLOS FELIPE PRADA LOMBO, INDEPENDENT CONSULTANT TOPIC: EXPERIENCES OF DANE COLOMBIA IN THE INTEGRATION OF DATABASES AND PROMOTION OF THE USE OF STATISTICAL INFORMATION IN RESEARCH</p> <p>SPEAKER : TBA TOPIC: ABS DATALAB: A NEW FRONTIER IN DATA ACCESS, LATEST DEVELOPMENTS AND FUTURE CHALLENGES</p> <p>CHAIR: JOHN MARON ABOARD, U.S. CENSUS BUREAU</p>

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22ND AUGUST 2019	2.00 PM - 3.40 PM	IPS-279	COMPETITIVE STATISTICAL MACHINE LEARNING FOR FINANCIAL CREDIT SCORING: THE DEVELOPMENT AND VALIDATION OF THE CLOUD-BASED GENERAL FINANCIAL INSIGHTS (GFI)	HANIZA YON, MALAYSIAN PSYCHOMETRICS ASSOCIATION	RENSE LANGE, GLOBAL PSYTECH SDN BHD TOPIC: AN EMPIRICAL COMPARISON OF VARIOUS MACHINE LEARNING TECHNIQUES FOR PREDICTING BORROWERS' LOAN SERVICING BEHAVIOR HANIZA YON, MALAYSIAN PSYCHOMETRICS ASSOCIATION TOPIC: STATISTICAL AND PSYCHOMETRIC PROPERTIES OF GFI NUR AYU JOHAR, GLOBAL PSYTECH SDN BHD TOPIC: STRUCTURAL EQUATION MODELLING OF PSYCHOGRAPHIC VARIABLES IN FINANCIAL CREDIT SCORING
22ND AUGUST 2019	2.00 PM - 3.40 PM	IPS-300	ADVANCES IN RISK MODELLING FOR ACTUARIAL APPLICATIONS	SHAIFUL ANUAR ABU BAKAR, UNIVERSITY OF MALAYA, MALAYSIA	YULIA RESTI, UNIVERSITY OF SRIWAJAYA, INDONESIA TOPIC: FUZZY APPROACH TO THE OCCUPATIONAL RISK VARIABLE IN DESIGNING A DEFINED BENEFIT PENSION FUNDS SHAIFUL ANUAR ABU BAKAR, UNIVERSITY OF MALAYA, MALAYSIA TOPIC: RISK ESTIMATION FOR CASUALTY INSURANCE LOSSES SYAZREEN NIZA SHAIR, UNIVERSITI TEKNOLOGI MARA, MALAYSIA TOPIC: COHERENT MORTALITY FORECASTING FOR SUB-POPULATIONS USING PRODUCT-RATIO MODEL: AN APPLICATION TO MALAYSIAN AGE-SPECIFIC MORTALITY RATES NORISZURA ISMAIL, THE NATIONAL UNIVERSITY OF MALAYSIA TOPIC: EXPERIENCE RATING USING BONUS-MALUS, WITH APPLICATIONS IN R
22ND AUGUST 2019	2.00 PM - 3.40 PM	IPS-44	RECENT ADVANCES AROUND FUNCTIONAL DATA	FREDERIC FERRATY, UNIVERSITY OF TOULOUSE	WEI HUANG, UNIVERSITY OF MELBOURNE TOPIC: ESTIMATING A COVARIANCE FUNCTION FROM FRAGMENTS OF FUNCTIONAL DATA ALOIS KNEIP, UNIVERSITY OF BONN TOPIC: SUPER-CONSISTENT ESTIMATION OF POINTS OF IMPACT IN NONPARAMETRIC REGRESSION WITH FUNCTIONAL PREDICTORS DAVID NERINI, UNIVERSITY OF AIX-MARSEILLE TOPIC: SPATIAL PREDICTION OF MULTIVARIATE FUNCTIONAL DATA: THE CASE OF LIGHT AND CHLOROPHYLL-A PROFILES IN THE

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					ANTARCTIC OCEAN JANE-LING WANG, UNIVERSITY OF CALIFORNIA AT DAVIS TOPIC: VARYING-COEFFICIENT ADDITIVE MODELS: TWO BIRDS WITH ONE STONE? CHAIR: FREDERIC FERRATY, UNIVERSITY OF TOULOUSE
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-129	MEASURING THE ECONOMIC IMPACT OF CRIME IN PEOPLE, HOUSEHOLDS AND BUSINESSES	ADRIAN FRANCO BARRIOS, INEGI	CLAUDIA VILLANTE, ISTAT TOPIC: THE COST OF VICTIMIZATION LUIS F. RIVERA-GALICIA, UNIVERSITY OF ALCALA TOPIC: THE COSTS OF GENDER-BASED VIOLENCE AGAINST WOMEN IN SPAIN ISABEL SCHMIDT, STATISTICS SOUTH AFRICA TOPIC: INDIRECT ESTIMATES OF THE COST OF CRIME USING A VICTIMISATION SURVEY AND OTHER SOURCES CHAIR & DISCUSSANT: ADRIAN FRANCO BARRIOS, NATIONAL INSTITUTE OF STATISTICS AND GEOGRAPHY (INEGI)
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-141	ENVIRONMENTAL DATA IN THE DEVELOPMENT OF SDG INDICATORS	ALESSIO POLLICE, DIPARTIMENTO DI ECONOMIA E FINANZA "ALDO MORO" UNIVERSITY OF BARI	JACINTA HOLLOWAY, SCIENCE AND ENGINEERING FACULTY, QUEENSLAND UNIVERSITY OF TECHNOLOGY, BRISBANE, AUSTRALIA TOPIC: USING NEW FORMS OF DATA FOR ENVIRONMENTALLY RELATED SDGS ERIN PETERSON, SCIENCE AND ENGINEERING FACULTY, QUEENSLAND UNIVERSITY OF TECHNOLOGY, BRISBANE, AUSTRALIA TOPIC: COMBINING CITIZEN SCIENCE AND PROFESSIONAL MONITORING DATA TO CONSERVE AND SUSTAINABLY USE MARINE RESOURCES GIOVANNA JONA LASINIO, DEPARTMENT OF STATISTICAL SCIENCES, UNIVERSITY OF ROME SAPIENZA TOPIC: USING FAO'S METHODOLOGY FOR MONITORING SDG TARGET 12.3 TO ESTIMATE THE ENVIRONMENTAL IMPACT OF FOOD LOSSES

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					WALTER JOSEF RADERMACHER, DSS, UNIVERSITY OF ROME SAPIENZA TOPIC: ENVIRONMENTAL METRICS – WHERE TO GO? DISCUSSANT: SUDIPTO BANERJEE, DEPARTMENT OF BIOSTATISTICS, UCLA FIELDING SCHOOL OF PUBLIC HEALTH, USA CHAIR: ALESSIO POLLICE, UNIVERSITY OF BARI, "ALDO MORO"
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-162	WAYS TO IMPROVE CRITICAL STATISTICAL LITERACY	REIJA HELENIUS, STATISTICS FINLAND	CHRISTINE BYCROFT, STATISTICS NEW ZEALAND TOPIC: REAL STORIES WITH REAL DATA FOR REAL PEOPLE: THE KEY TO UNDERSTANDING AND TRUST IN OFFICIAL STATISTICS GENOVEFA RUŽIĆ, THE STATISTICAL OFFICE OF THE REPUBLIC OF SLOVENIA TOPIC: IMPROVING STATISTICAL LITERACY, EDUCATING USERS AND SPREADING THE VOICE ABOUT OFFICIAL STATISTICS IN SLOVENIA BETTY GICHOHI, UNITED STATES INTERNATIONAL UNIVERSITY TOPIC: DATA GOVERNANCE AS A TOOL FOR ENHANCED DATA LITERACY AND UTILIZATION KIMMO VEHKALAHTI, UNIVERSITY OF HELSINKI TOPIC: FAKE NEWS AND BIG DATA: A CASE STUDY DISCUSSANT: JOHN BAILER, MIAMI UNIVERSITY CHAIR: MARJO-RIITTA SYLVIA BRUUN, STATISTICS FINLAND
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-199	EFFECTS OF DIGITALISATION ON THE MEASUREMENTS AND DYNAMICS OF INFLATION	KUE-PENG CHUAH, BANK NEGARA MALAYSIA	GABRIEL QUIROS, INTERNATIONAL MONETARY FUND (IMF) TOPIC: TBA FUZIAH MD. AMIN, DEPARTMENT OF STATISTIC MALAYSIA TOPIC: TBA DISCUSSANT: KUE-PENG CHUAH, BANK NEGARA MALAYSIA CHAIR: KUE PENG CHUAH, BANK NEGARA MALAYSIA
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-200	BAYESIAN INFERENCE FOR STOCHASTIC PROCESSES	KENGO KAMATANI, OSAKA UNIVERSITY	AJAY JASRA, NATIONAL UNIVERSITY OF SINGAPORE TOPIC: CENTRAL LIMIT THEOREMS FOR COUPLED PARTICLE FILTERS WEI PAN, IMPERIAL COLLEGE LONDON TOPIC: SEQUENTIAL MONTE CARLO METHODS FOR STOCHASTIC TRANSPORT MODELS

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					ALEXANDRE THIERY, NATIONAL UNIVERSITY OF SINGAPORE TOPIC: THE BOUNCY PARTICLE SAMPLER IN PRACTICE FRANK VAN DER MEULEN, DELFT UNIVERSITY OF TECHNOLOGY TOPIC: SIMULATION OF CONDITIONED DIFFUSIONS CHAIR: KENGO KAMATANI, OSAKA UNIVERSITY
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-208	INTEGRATING TECHNOLOGY IN DATA COLLECTION	LINDA J YOUNG, USDA NATIONAL AGRICULTURAL STATISTICS SERVICE	CHRISTINE WIRTZ, EUROSTAT - UNIT E1: AGRICULTURE AND FISHERIES TOPIC: AGRICULTURAL CENSUS 2020 – HOW TO REDUCE COSTS AND BURDEN? THE EUROPEAN STATISTICAL SYSTEM APPROACH BARBARA R RATER, USDA NATIONAL AGRICULTURAL STATISTICS SERVICE TOPIC: THE IMPORTANCE OF TECHNOLOGY TO THE FUTURE OF AGRICULTURAL STATISTICS LUQMAAN OMAR, STATISTICS SOUTH AFRICA TOPIC: USING DIGITAL DATA COLLECTION TO INCREASE RESPONSE RATES AND QUALITY GUILLERMO C MARTINEZ V, ERMEX TOPIC: INTEGRATION OF DIFFERENT SOURCES OF INFORMATION FOR TERRITORY MONITORING CHAIR: LINDA J YOUNG, US DEPARTMENT OF AGRICULTURE'S NATIONAL AGRICULTURAL STATISTICS SERVICE
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-235	DEVELOPING A STATISTICAL FRAMEWORK FOR THE MEASUREMENT OF SUSTAINABLE TOURISM	GUIDO FERRARI, UNIVERSITY OF FLORENCE, ITALY	YANYUN ZHAO, RENMIN UNIVERSITY OF CHINA TOPIC: DEVELOPMENT AND APPLICATION OF TOURISM STATISTICS IN CHINA GUO QIAN, BEIJING WUZI UNIVERSITY, CHINA TOPIC: THE COMPARATIVE EVALUATION OF BEIJING'S TOURISM COMPETITIVENESS FABRIZIO ANTOLINI, UNIVERSITY OF TERAMO, ITALY TOPIC: EFFECTIVENESS OF TOURISM PUBLIC SPENDING IN ITALY

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					<p>BIAGIO SIMONETTI, UNIVERSITY OF SANNIO, BENEVENTO, ITALY TOPIC: THE DEVELOPMENT OF MEETINGS, INCENTIVE, EXHIBITIONS, AND CONVENTIONS (MICE) INDUSTRY IN ITALY: THE CASE OF CAMPANIA REGION. DISCUSSANT: JOSÉ LUIS SANCHEZ-OLLERO, UNIVERSITY OF MALAGA, SPAIN DISCUSSANT: CAN HUANG, UNIVERSITY OF HANGZHOU, CHINA CHAIR: GUIDO FERRARI, UNIVERSITY OF FLORENCE, ITALY</p>
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-246	MEASURING WELL-BEING AT LOCAL LEVEL TO FINE-TUNE PUBLIC POLICIES	TIZIANA LAURETI, TUSCIA UNIVERSITY	<p>TIZIANA LAURETI, FULL PROFESSOR OF ECONOMIC STATISTIC, TUSCIA UNIVERSITY, ITALY AND MEMBER OF THE GOVERNING BODY OF NATIONAL STATISTICAL SYSTEM- SISTAN (COMSTAT) TOPIC: SPATIAL AND TEMPORAL MULTIVARIATE ANALYSIS OF WELL-BEING AT LOCAL LEVEL: AN APPLICATION TO THE ITALIAN EQUITABLE AND SUSTAINABLE WELL-BEING PAOLO VENERI, REGIONAL ANALYSIS AND STATISTICS UNIT, OECD TOPIC: MEASURING WELL-BEING IN CITIES AND REGIONS: POLICY RELEVANCE AND LINK TO SDGS AYESHA TANTRIANA, STATISTICIAN AT STATISTICS INDONESIA TOPIC: ELDERLY WELFARE MEASUREMENT LINKS TO THE INTERNET OF THINGS IN PROVINCE LEVEL IN INDONESIA OSCAR GASCA, INEGI NATIONAL INSTITUTE OF STATISTICS AND GEOGRAPHY STATISTICS MEXICO TOPIC: THE OECD APPROACH: THE CASE OF MEXICO DISCUSSANT: PRASADA D.S. RAO, SCHOOL OF ECONOMICS, THE UNIVERSITY OF QUEENSLAND, AUSTRALIA CHAIR: LUIGI BIGGERI, EMERITUS PROFESSOR, UNIVERSITY OF FLORENCE, ITALY AND PAST PRESIDENT OF ITALIAN NATIONAL STATISTICAL OFFICE (ISTAT)</p>

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23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-272	STATISTICAL MODELING OF NATURAL HAZARDS AND RISKS	SERGE GUILLAS, UNIVERSITY COLLEGE LONDON	OLIVIER LE MAITRE, CNRS, LABORATOIRE D'INFORMATIQUE POUR LA MÉCANIQUE ET LES SCIENCES DE L'INGÉNIEUR ORSAY, FRANCE TOPIC: TBA TAHA OUARDA, INRS (INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE) TOPIC: HEAT-DURATION-FREQUENCY MODELING UNDER NON-STATIONARY CONDITIONS TREVOR HARRIS, UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN TOPIC: DETECTING SHAPE ANOMALIES IN FUNCTIONAL DATA WITH ELASTIC DEPTH DISCUSSANT: SERGE GUILLAS, UNIVERSITY COLLEGE LONDON CHAIR: SOPHIE DABO, UNIVERSITY OF LILLE
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-277	DEVELOPING EFFECTIVE MODELS OF PUBLIC-PRIVATE PARTNERSHIPS IN NATIONAL STATISTICAL ECOSYSTEMS: LESSONS FROM ASIA	DR STEPHAN KRISCHE, GOPA STATISTICS	MATTHEW SHEARING, FREELANCE STATISTICS CAPACITY BUILDING EXPERT IN SOUTHEAST ASIA TOPIC: DEVELOPING EFFECTIVE MODELS OF PUBLIC-PRIVATE PARTNERSHIPS IN NATIONAL STATISTICAL ECOSYSTEMS: LESSONS FROM ASIA PANEL DISCUSSION WITH: ANDREW J. FLATT, SENIOR FEELANCE ADVISOR (FORMER DIRECTOR STATISTICS UNESCAP) PHETSAMONE SONE, LAO BUREAU OF STATISTICS VERONICA WIKNER, STATISTICS SWEDEN MAHINTHAN MARIASINGHAM, ASIAN DEVELOPMENT BANK CHAIR: MISHA BELKINDAS, ODW CONSULTING
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-297	HOW CAN ECONOMIC STATISTICS ADDRESS THE CHALLENGES POSED BY ECONOMIC GLOBALISATION?	JOHN VERRINDER, EUROSTAT	JOSE MANUEL RUEDA CANTUCHE, JOINT RESEARCH CENTRE - EUROPEAN COMMISSION TOPIC: REGIONAL INTER-COUNTRY SUPPLY USE AND INPUT OUTPUT TABLES GIVING A CLEAR PICTURE OF REGIONAL INTERCONNECTEDNESS

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					<p>SOPHIE LIMPACH, EUROPEAN COMMISSION TOPIC: THE EARLY-WARNING SYSTEM</p> <p>TIMO KOSKIMAKI, STATISTICS FINLAND TOPIC: SHARING OF DATA AND INFORMATION BETWEEN COUNTRIES AS A PRECONDITION FOR INTERNATIONALLY CONSISTENT ECONOMIC STATISTICS</p> <p>FRED DEMOLLIN, CBS - NETHERLANDS TOPIC: LARGE CASE UNITS AS A TOOL TO COVER MNES IN A CONSISTENT WAY IN OFFICIAL STATISTICS</p> <p>DIANA DOYLE, OECD, PARIS, FRANCE TOPIC: BUILDING THE INTERNATIONAL STATISTICAL INFRASTRUCTURE FOR ADDRESSING MNE ACTIVITIES AND RESTRUCTURINGS</p>
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-30	RUSHING TOWARD ADMINISTRATIVE CENSUSES: ENABLERS AND CHALLENGES	OLIVIA BLUM, CENTRAL BUREAU OF STATISTICS, ISRAEL	<p>OLIVIA BLUM, CENTRAL BUREAU OF STATISTICS TOPIC: CHANGING FRAMES AND ENTITIES IN A TRANSITION PROCESSTOWARD AN ADMINISTRATIVE CENSUS IN ISRAEL</p> <p>DIANA BELTADZE, STATISTICS ESTONIA TOPIC: DEVELOPING METHODOLOGY FOR THE REGISTER-BASED CENSUS IN ESTONIA</p> <p>FABIO CRESCENZI, ITALIAN NATIONAL INSTITUTE OF STATISTICS TOPIC: THE INTEGRATION OF GEOGRAPHIC AND TERRITORIAL DATA SOURCES INTO THE BASE REGISTER OF TERRITORIAL AND GEOGRAPHICAL ENTITIES</p> <p>MARKUS ZWICK, FEDERAL STATISTICAL OFFICE GERMANY TOPIC: THE USE OF REGISTERS IN THE GERMAN CENSUSES 2011, 2021 AND BEYOND</p> <p>JANUSZ DYGASZEWICZ, CENTRAL STATISTICAL OFFICE OF POLAND TOPIC: TRANSITION FROM TRADITIONAL CENSUS TO REGISTERS BASED CENSUS IN POLAND</p> <p>DISCUSSANT: ERIC SCHULTE NORDHOLT, STATISTICS NETHERLANDS</p>

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					CHAIR: PAOLO VALENTE, UNECE
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-57	COMMUNICATION CHALLENGES ACROSS AN INNOVATIVE OFFICIAL STATISTICS PRODUCTION CHAIN	MARTIN KARLBERG, EUROSTAT	GERARDO LEYVA PARRA, INSTITUTO NACIONAL DE ESTADÍSTICA Y GEOGRAFÍA (INEGI) TOPIC: THE MOOD OF THE TWITTERERS IN MEXICO ERIC RANCOURT, STATISTICS CANADA TOPIC: SOUND METHODOLOGY FOR SOUND OFFICIAL STATISTICS MARCEL VAN KINTS, AUSTRALIAN BUREAU OF STATISTICS TOPIC: BUILDING AND MAINTAINING SOCIAL LICENCE IN TODAY'S DATA LANDSCAPE DISCUSSANT: GOVINDRAJ ETHIRAJ, INDIA SPEND DISCUSSANT: ROBERT CUFFE, BBC NEWS CHAIR: MARIANA KOTZEVA, EUROSTAT
23RD AUGUST 2019	10.30 AM - 12.30 PM	IPS-71	WHERE ARE THE BOUNDARIES OF OFFICIAL STATISTICS?	STEVEN VALE, UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE	STEPAN MNATSAKANYAN, NATIONAL STATISTICAL SERVICE OF THE REPUBLIC OF ARMENIA TOPIC: LEGISLATIVE BOUNDARIES OF OFFICIAL STATISTICS VOLKER TÄUBE, EUROPEAN FREE TRADE ASSOCIATION TOPIC: BOUNDARIES AND COORDINATION OF THE NATIONAL STATISTICAL SYSTEM GOGITA TODRADZE, GEOSTAT TOPIC: NATIONAL STATISTICAL SYSTEM OF GEORGIA AUREL SCHUBERT, VIENNA UNIVERSITY OF ECONOMICS AND BUSINESS TOPIC: TBA CHAIR: GEORGES-SIMON ULRICH, SWISS FEDERAL STATISTICAL OFFICE
23RD AUGUST 2019	2.15 PM - 3.55 PM	IPS-134	EARLY CAREER ADVICE FOR STATISTICIANS IN THE COMPUTATIONAL SCIENCES, WHO ARE YOUNG AND NOT SO YOUNG	THOMAS WILLIAM YEE, UNIVERSITY OF AUCKLAND	HAN-MING (HANK) WU, NATIONAL TAIPEI UNIVERSITY TOPIC: MY EXPERIENCE OF TEACHING R PROGRAMMING FOR DATA SCIENCE THOMAS WILLIAM YEE, UNIVERSITY OF AUCKLAND TOPIC: SOME REFLECTIONS ON SOFTWARE-INTENSIVE STATISTICAL RESEARCH

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					PERSON FROM EUROPE, UNIVERSITY OF EUROPE TOPIC: TBA DISCUSSANT: JUNJI NAKANO, INSTITUTE OF STATISTICAL MATHEMATICS, TOKYO, JAPAN DISCUSSANT: PETER FILZMOSER, VIENNA UNIVERSITY OF TECHNOLOGY, AUSTRIA
23RD AUGUST 2019	2.15 PM - 3.55 PM	IPS-159	SYNERGISTIC DEVELOPMENTS OF MATHEMATICAL STATISTICS AND STOCHASTIC ANALYSIS	HIROKI MASUDA, KYUSHU UNIVERSITY	MARK PODOLSKIJ, AARHUS UNIVERSITY TOPIC: MINIMAL CONTRAST ESTIMATION OF THE LINEAR FRACTIONAL STABLE MOTION CIPRIAN TUDOR, UNIVERSITÉ DE LILLE 1 TOPIC: ASYMPTOTIC EXPANSION FOR VECTOR-VALUED RANDOM VARIABLES MASAYUKI UCHIDA, OSAKA UNIVERSITY TOPIC: ADAPTIVE ESTIMATION OF PARABOLIC STOCHASTIC PARTIAL DIFFERENTIAL EQUATIONS NAKAHIRO YOSHIDA, UNIVERSITY OF TOKYO TOPIC: ASYMPTOTIC EXPANSIONS IN NON-ERGODIC STOCHASTIC SYSTEMS CHAIR: KENGO KAMATANI, OSAKA UNIVERSITY
23RD AUGUST 2019	2.15 PM - 3.55 PM	IPS-216	BIG DATA AND BIG CITIES	PUNITHAA KYLASAPATHY, BANK NEGARA MALAYSIA	JIUN SHYAN GOH, BANK NEGARA MALAYSIA TOPIC: PROXIMITY TO URBAN RAIL TRANSIT (URT) AND ITS IMPACT ON HOUSING PRICES CHALY KOH, PROPERTY PRICETAG TOPIC: WHY BIG DATA FOR HOUSING? NIKHIL NAIK, HARVARD UNIVERSITY AND MIT TOPIC: TBA

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23RD AUGUST 2019	2.15 PM - 3.55 PM	IPS-243	STANDARDS FOR INTERNATIONAL COMPARABILITY ON RURAL, AGRICULTURAL STATISTICS	FLAVIO PINTO BOLLIGER, FAO	<p>SUSAN OFFUTT, INTERNATIONAL CONSULTANT - FORMER USDA/ERS TOPIC: A GLOBALLY-CONSISTENT DEFINITION OF THE URBAN/RURAL CONTINUUM</p> <p>NELI GEORGIEVA, FAO TOPIC: FARM TYPOLOGY - A TOOL FOR A POLICY RELEVANT FARM CLASSIFICATION</p> <p>MICHAL SYNEK, FOREST PRODUCTS STATISTICS IN THE CZECH REPUBLIC, OLOMOUC – CZECH REPUBLIC TOPIC: THE NEW PROPOSAL OF FOREST PRODUCTS CLASSIFICATION AND DEFINITIONS</p> <p>CHAIR: PIETRO GENNARI, FAO</p>
23RD AUGUST 2019	2.15 PM - 3.55 PM	IPS-267	STATISTICAL AND COMPUTATIONAL CHALLENGES FOR MULTILEVEL COMPLEX "OMICS" DATA	JIN ZHOU, UNIVERSITY OF ARIZONA	<p>HUA ZHOU, UNIVERSITY OF CALIFORNIA, LOS ANGELES TOPIC: GENETIC ASSOCIATION ANALYSIS FOR T2D EHR PHENOTYPING WITH APPLICATION TO MILLION VETERAN PROGRAM (MVP)</p> <p>HAN CHEN, UNIVERSITY OF TEXAS, HEALTH SCIENCE CENTER AT HOUSTON TOPIC: EFFICIENT ASSOCIATION TESTS FOR SPARSE GENETIC AND GENOMIC DATA IN CORRELATED SAMPLES</p> <p>TAMAR SOFER, BRIGHAM AND WOMEN'S HOSPITAL AND HARVARD MEDICAL SCHOOL TOPIC: MULTIVARIATE REGRESSION BASED MODELS OF 'COMICS PATHWAYS MEDIATING THE EFFECT OF THE RAI1 GENE ON SLEEP DISORDERED BREATHING</p> <p>CHAIR: DANDI QIAO, BRIGHAM AND WOMEN'S HOSPITAL AND HARVARD MEDICAL SCHOOL</p>

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20TH AUGUST 2019	10.30 AM - 12.30 PM	IPS-213	THE FUTURE OF SOCIAL SECURITY DESIGN THROUGH BIG DATA ANALYTICS	PUNITHAA KYLASAPATHY, BANK NEGARA MALAYSIA	FIONA ELIZABETH STEWART, WORLD BANK GROUP, UNITED KINGDOM TOPIC: TBA DATUK SHAHRIL RIDZA RIDZUAN, KHAZANAH NASIONAL BERHAD, MALAYSIA TOPIC: TBA CHAIR: TNG BOON HWA, BANK NEGARA MALAYSIA, MALAYSIA