IPS#	PROPOSAL TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
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: **SOUHAIB BEN TAIEB, MONASH UNIVERSITY**
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
IPS-26	PERSPECTIVES ON STATISTICAL METHODS FOR TIME DEPENDENT PROCESSES	ARTURO KOHATSUHIGA, RITSUMEIKAN UNIVERSITY	**ANASTASIA (TESSY) PAPAVASILIOU, WARWICK UNIVERSITY** TOPIC: A ROUGH PATH APPROACH TO STATISTICAL INFERENCE FOR STOCHASTIC PROCESSES
			YUTA KOIKE, UNIVERSITY OF TOKYO TOPIC: ASYMPTOTIC MIXED NORMALITY OF REALIZED COVARIANCE IN HIGH-DIMENSIONS
			PAOLO PIGATO, WEIERSTRASS INSTITUTE FOR APPLIED ANALYSIS AND STOCHASTICS TOPIC: PARAMETERS ESTIMATION IN A THRESHOLD DIFFUSION

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IPS-29	STATISTICAL META-ANALYSIS WITH APPLICATIONS IN HEALTH SCIENCES	SHAHJAHAN KHAN, UNIVERSITY OF SOUTHERN QUEENSLAND, AUSTRALIA	**SUHAIL A R DOI, QATAR UNIVERSITY** TOPIC: SELECTING THE BEST META-ANALYTIC ESTIMATOR FOR EPIDEMIOLOGY: A SIMULATION STUDY
			LUIS FURUYA-KANAMORI, AUSTRALIAN NATIONAL UNIVERSITY TOPIC: THE DOI PLOT AND THE LFK INDEX FOR DETECTING BIAS IN META-ANALYSIS
			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
			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
			DISCUSSANT: **LOUISE M RYAN, UNIVERSITY TECHNOLOGY SYDNEY**
			DISCUSSANT: **SUHAIL A R DOI, QATAR UNIVERSITY**
IPS-30	RUSHING TOWARD ADMINISTRATIVE CENSUSES: ENABLERS AND CHALLENGES	OLIVIA BLUM, CENTRAL BUREAU OF STATISTICS, ISRAEL	**OLIVIA BLUM, CENTRAL BUREAU OF STATISTICS** TOPIC: CHANGING FRAMES AND ENTITIES IN A TRANSITION PROCESSTOWARD AN ADMINISTRATIVE CENSUS IN ISRAEL
			DIANA BELTADZE, STATISTICS ESTONIA TOPIC: DEVELOPING METHODOLOGY FOR THE THE REGISTER-BASED CENSUS IN ESTONIA
			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
			STEFAN DITTRICH, FEDERAL STATISTICAL OFFICE GERMANY TOPIC: THE USE OF REGISTERS IN THE GERMAN CENSUSES 2011, 2021 AND BEYOND
			JANUSZ DYGASZEWICZ, CENTRAL STATISTICAL OFFICE OF POLAND TOPIC: TRANSITION FROM TRADITIONAL CENSUS TO REGISTERS BASED CENSUS IN POLAND
			DISCUSSANT: **ERIC SCHULTE NORDHOLT, STATISTICS NETHERLANDS**

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IPS-35	IMAGING STATISTICS AND PREDICTIVE DATA ANALYTICS	IVO DINOV D, UNIVERSITY OF MICHIGAN	**IVO DINOV D, UNIVERSITY OF MICHIGAN** TOPIC: PREDICTIVE ANALYTICS OF BIG NEUROSCIENCE DATA
			EJAZ AHMED S, BROCK UNIVERSITY TOPIC: IMPLICIT BIAS IN BIG DATA ANALYTICS
			ERIC HO TATT WEI, UNIVERSITI TEKNOLOGI PETRONAS TOPIC: A GENERATIVE DEEP MACHINE MODELING FRAMEWORK FOR HYPOTHESIS TESTING AND COMPARING NEUROIMAGING DATA
			MICHELLE LIOU, INSTITUTE OF STATISTICAL SCIENCE ACADEMIA SINICA TOPIC: THE DEFAULT MODE NETWORK AFTER 20 YEARS: STATISTICAL PERSPECTIVES
			ANQI QIU, NATIONAL UNIVERSITY OF SINGAPORE TOPIC: PHENOTYPES, GENOTYPES & VOXELS: A PLAYGROUND NEXT TO A NUCLEAR POWER PLANT
IPS-44	RECENT ADVANCES AROUND FUNCTIONAL DATA	FREDERIC FERRATY, UNIVERSITY OF TOULOUSE	**AURORE DELAIGLE, 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 ANTARCTIC OCEAN
			JANE-LING WANG, UNIVERSITY OF CALIFORNIA AT DAVIS TOPIC: VARYING-COEFFICIENT ADDITIVE MODELS: TWO BIRDS WITH ONE STONE?

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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**
IPS-55	OFFICIAL STATISTICS AND PARLIAMENTS	JEAN-LOUIS BODIN, FORMER ISI PRESIDENT, FRANCE	**MARIA-JOAO SANTOS, EUROSTAT** TOPIC: PARLIAMENT AND OFFICIAL STATISTICS IN A MULTINATIONAL CONTEXT: AN EU PERSPECTIVE
			ENRIQUE DE ALBA GUERRA, NATIONAL INSTITUTE OF STATISTICS AND GEOGRAPHICAL INFORMATION (INEGI) TOPIC: OFFICIAL STATISTICS AND PARLIAMENTS' ROLE ON INDEPENDENCE OF NSOS: LATIN AMERICA
			MISHA BELKINDAS, WORLD BANK TOPIC: US CONGRESS, STATISTICAL SYSTEM, FUNDAMENTAL PRINCIPLES - HOW DOES IT WORK
			DISCUSSANT: **JEAN-LOUIS BODIN, INSEE**
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**

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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: TBA
IPS-61	NEW DEVELOPMENTS IN TIME SERIES ANALYSIS FOR COMPLEX DATA	ALEXANDER AUE, UNIVERSITY OF CALIFORNIA, DAVIS	**ALEXANDER AUE, UNIVERSITY OF CALIFORNIA, DAVIS** TOPIC: TESTING FOR STATIONARITY OF FUNCTIONAL TIME SERIES IN THE FREQUENCY DOMAIN
			RICHARD DAVIS A, COLUMBIA UNIVERSITY TOPIC: THE USE OF SHAPE CONSTRAINTS FOR MODELING TIME SERIES OF COUNTS
			RITUPARNA SEN, INDIAN STATISTICAL INSTITUTE, CHENNAI TOPIC: GRANGER CAUSALITY IN YIELD CURVES OF DIFFERENT MARKETS
			QIWEI YAO, LONDON SCHOOL OF ECONOMICS TOPIC: HIGH DIMENSIONAL AND BANDED VECTOR AUTOREGRESSIONS
IPS-64	RECENT ADVANCES IN STATISTICAL DATA INTEGRATION	PARTHA LAHIRI, UNIVERSITY OF MARYLAND, USA	**JIRAPHAN SUNTORNCHOST, CHULALONGKORN UNIVERSITY** TOPIC: AN APPROXIMATE BAYESIAN APPROACH FOR SOLVING DIFFERENT INFERENTIAL PROBLEMS IN POVERTY RESEARCH FOR SMALL AREAS
			TIZIANA TUOTO, ISTAT TOPIC: RECENT DEVELOPMENT OF METHODOLOGY AND SOFTWARE ON DATA INTEGRATION AT ISTAT
			SHREYA SENGUPTA, MINISTRY OF STATISTICS AND PROGRAM IMPLEMENTATION, GOVERNMENT OF INDIA TOPIC: NOWCASTING OF STATE LEVEL POVERTY USING INDIAN HOUSEHOLD CONSUMER EXPENDITURE SURVEY DATA
			DISCUSSANT: **CINZIA CIRILLO, UNIVERSITY OF MARYLAND COLLEGE PARK**
			DISCUSSANT: **SNIGDHANSU CHATTERJEE, UNIVERSITY OF MINNESOTA**

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IPS-65	STATISTICS IN FORENSIC SCIENCE	MST HOWLADER TAMANNA, UNIVERSITY OF DHAKA	**KAREN KAFADAR, UNIVERSITY OF VIRGINIA** TOPIC: THE CRITICAL ROLE OF STATISTICS IN FORENSIC SCIENCE
			S.M. MAHBUBUR RAHMAN, BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY (BUET) TOPIC: STATISTICAL EVALUATION OF DISCRIMINATORY POWER OF REGIONS OF BIOMETRIC IMPRINTS
			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**
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
			CLAUDIA KLUEPPELBERG, TECHNICAL UNIVERSITY MUNICH TOPIC: RECURSIVE MAX-LINEAR MODELS: FROM ALGEBRA TO STATISTICS
IPS-71	WHERE ARE THE BOUNDARIES OF OFFICIAL STATISTICS?	GOGITA TODRADZE, GEOSTAT - NATIONAL STATISTICAL OFFICE OF GEORGIA & VOLKER TÄUBE, EUROPEAN FREE TRADE ASSOCIATION	**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

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IPS-77	METHODS TO HANDLE LARGE ENVIRONMENTAL DATA	GIOVANNA JONA LASINIO, DEP. OF STATISTICAL SCIENCES- SAPIENZA UNIVERSITY OF ROME, ITALY	**SUDIPTO BANERJEE, UCLA FIELDING SCHOOL OF PUBLIC HEALTH** TOPIC: BAYESIAN MODELING AND INFERENCE FOR MASSIVE SPATIAL-TEMPORAL DATA
			EMILY LEY KANG, UNIVERSITY OF CINCINNATI TOPIC: A FUSED GAUSSIAN PROCESS FOR LARGE SPATIAL AND SPATIO-TEMPORAL DATA AND ITS APPLICATIONS
			FEDELE PASQUALE GRECO, UNIVERSITÀ DI BOLOGNA TOPIC: MODELLING ATMOSPHERIC PHENOMENA AT THE GLOBAL SCALE: A NON-PARAMETRIC FRAMEWORK
			MARCOS OLIVEIRA PRATES, UNIVERSIDADE FEDERAL DE MINAS GERAIS TOPIC: BLOCK NEAREST NEIGHBOOR GAUSSIAN PROCESSES
			DISCUSSANT: **KERRIE MENGERSEN, QUEENSLAND UNIVERSITY OF TECHNOLOGY**
IPS-79	USE OF UNCONVENTIONAL BIG DATA FOR OFFICIAL STATISTICS: SOME CURRENT CASES	ANDERS J S HOLMBERG, STATISTICS NORWAY	**EDUARDO BARREDO CAPELOT, EUROSTAT (EUROPEAN COMMISSION)** TOPIC: BIG DATA AND MACROECONOMIC NOWCASTING: FROM DATA ACCESS TO MODELLING
			JOEP BURGER, ORGANISATION STATISTICS NETHERLANDS TOPIC: REPLACING A SURVEY QUESTION BY PREDICTIVE MODELING USING REGISTER DATA
			SIU-MING TAM, AUSTRALIAN BUREAU OF STATISTICS TOPIC: BIG DATA, SAMPLE SURVEYS AND FINITE POPULATION INFERENCES
			LI-CHUN ZHANG, STATISTICS NORWAY TOPIC: DISAGGREGATION OF EXPENDITURE WEIGHTS BASED ON TRANSACTION DATA
			CHAITANYA JOSHI, DATA SCIENCE CAMPUS,OFFICE FOR NATIONAL STATISTICS, UK TOPIC: DATA SCIENCE FOR PUBLIC GOOD - CASE STUDIES FROM THE UNITED KINGDOM
			DISCUSSANT: **PARTHA LAHIRI, UNIVERSITY OF MARYLAND**
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

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IPS-95	MEASURING THE COST OF PRODUCING A GRADUATE OF STATISTICS IN AFRICAN UNIVERSITIES	OLUSANYA ELISA OLUBUSOYE, LECTURING	**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
			ASRAT ATSEDEWYN ANDARGIE, UNIVERSITY OF GONDAR TOPIC: ESTIMATING THE COST OF PRODUCING A GRADUATE OF STATISTICS IN A PUBLIC UNIVERSITY IN ETHIOPIA
			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.
			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
			UCHENNA PETRONILLA OGOKE, UNIVERSITY OF PORT HARCOUT TOPIC: ESTIMATING THE COST OF PRODUCING A GRADUATE OF STATISTICS IN A PUBLIC UNIVERSITY IN NIGERIA
			DISCUSSANT: **ADEOYE ADEMOLA SODIPO, UNIVERSITY OF IBADAN**
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
			ZELJKO 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**

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IPS-97	DEVELOPING LEADERSHIP SKILLS IN WOMEN	CATHY FURLONG, STATISTICS WITHOUT BORDERS	PANEL DISCUSSION WITH: **CATHY FURLONG, STATISTICS WITHOUT BORDERS**
			DENISE BRITZ DO NASCIMENTO SILVA, NATIONAL SCHOOL OF STATISTICAL SCIENCES
			MARY W. GRAY, AMERICAN UNIVERSITY
			DENISE LIEVESLEY, UNIVERSITY OF OXFORD
			JANET VAN NIEKERK, KAUST / UNIVERSITY OF PRETORIA
			DIANE STUKEL, FHI 360
			CYNTHIA Z. F. CLARK, COUNCIL OF PROFESSIONAL ASSOCIATIONS ON FEDERAL STATISTICS
			DISCUSSANT: **OLA AWAD, PALESTINIAN CENTRAL BUREAU OF STATISTICS**
IPS-98	STATISTICIAN'S CONTRIBUTION TO THE CURRENTLY DISCUSSED DATA FUSION TECHNOLOGIES	MICHAEL G. SCHIMEK, MEDICAL UNIVERSITY OF GRAZ, AUSTRIA	**DANKMAR BOEHNING, UNIVERSITY OF SOUTHAMPTON** TOPIC: RESEARCH SYNTHESIS OF RARE COUNT OUTCOME DATA ARISING FROM SEVERAL SOURCES
			LUCIANA LUCIANA DALLA VALLE, PLYMOUTH UNIVERSITY TOPIC: DATA INTEGRATION OF UNBALANCED SOCIAL MEDIA AND SURVEY INFORMATION VIA CALIBRATION
			REGINA LIU, THE STATE UNIVERSITY OF NEW JERSEY TOPIC: TBA
			RICARDO JOSÉ CAO ABAD, UNIVERSIDADE DA CORUÑA TOPIC: NONPARAMETRIC MEAN ESTIMATION FOR BIG-BUT-BIASED DATA
			VEERA BALADANDAYUTHAPANI, UNIVERSITY OF MICHIGAN TOPIC: INTEGRATIVE BIG DATA MODELS FOR PRECISION MEDICINE

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IPS-101	ADVANCES IN SURVEY STATISTICS FOR TREATING NON-IGNORABLE NONRESPONSE	RISTO LEHTONEN, UNIVERSITY OF HELSINKI, FINLAND	**DAVID HAZIZA, UNIVERSITÉ DE MONTRÉAL** TOPIC: INSTRUMENTAL CALIBRATION FOR THE TREATMENT OF NONIGNORABLE UNIT NONRESPONSE IN SURVEYS
			JAE KWANG KIM, IOWA STATE UNIVERSITY TOPIC: SEMIPARAMETRIC NONRESPONSE MODEL WITH NONIGNORABLE NONRESPONSE
			MARIA GIOVANNA RANALLI, UNIVERSITY OF PERUGIA TOPIC: COMPARING CALIBRATION AND MASS-IMPUTATION METHODS WHEN NONRESPONSE DEPENDS ON THE VARIABLE OF INTEREST
IPS-102	INCOME CONSUMPTION AND WEALTH STATISTICS WITH FOCUS ON INEQUALITY	SIGITA GRUNDIZA, EUROSTAT	**PETER VANDEVEN, 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
			JUHA HONKKILA, ECB TOPIC: MEASUREMENT OF WEALTH INEQUALITY WITH DISTRIBUTIONAL FINANCIAL ACCOUNTS INDICATORS
			DISCUSSANT: **MARIA-JOAO SANTOS, EUROSTAT**
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
			BALAKRISHNA NARAYANA, COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY TOPIC: CO-INTEGRATING TIME SERIES WITH NON-GAUSSIAN INNOVATIONS
			AERA THAVANESWARAN, UNIVERSITY OF MANITOBA TOPIC: RISK FORECASTING USING GENERALIZED AUTOREGRESSIVE ESTIMATING FUNCTION DRIVEN MODELS

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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
			MASAAKI 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
			GLORIA MATHENGE, UNITED NATIONS ECONOMIC COMMISSION FOR AFRICA TOPIC: TBA
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
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 DEVELOPMEN (UNCTAD)**

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IPS-110	ADMINISTRATIVE AND REPORTING SYSTEMS AS POSSIBLE SOURCES OF AGRICULTURAL STATISTICS FOR MONITORING SDGS IN DEVELOPING COUNTRIES?	NAMAN KEITA, RETIRED FAO	**DRAMANE BAKO, FAO** TOPIC: DEVELOPING AN ADMINISTRATIVE DATA SYSTEM FOR AGRICULTURAL STATISTICS IN THE CONTEXT OF SDGS MONITORING
			REDOUANE ARRACH, MORROCCO MINISTRY OF AGRICULTURE TOPIC: BUILDING AND MAINTAINING A FARM REGISTER BASED STAISTICS TO MONITOR AND ASSESS SDG'S PROGRESS IN MOROCCO
			DALISAY MALIGALIG, ADB RETIREE TOPIC: EXAMINING THE QUALITY OF DATA FROM THE PHILIPPINES' AGRICULTURAL ADMINISTRATIVE REPORTING SYSTEM
			DALIP SINGH, MINISTRY OF AGRICULTURE AND FARMERS WELFARE TOPIC: USE OF ADMINISTRATIVE RECORDS TO GENERATE STRUCTURAL DATA AS PART OF INTEGRATED SYSTEM OF AGRICULTURE CENSUS AND FOLLOW UP SURVEYS: A CASE OF INDIA
			DISCUSSANT: **FLAVIO PINTO BOLLIGER, FAO**
IPS-115	STATISTICAL AND DATA LITERACY EDUCATION FOR LIFE	HELEN MACGILLIVRAY, QUEENSLAND UNIVERSITY OF TECHNOLOGY	**HELEN MACGILLIVRAY, ISI** 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**

IPS#	PROPOSAL TITLE	ORGANISER/ ORGANISATION	NAME/ORGANISATION, TOPIC
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
			ÈLISE COUDIN, INSEE FRANCE TOPIC: THE SSP LAB : THE FRENCH NSI DATASCIENCE LAB EXPERIENCE
			DISCUSSANT: **VINCE GALVIN, STATS NZ**
IPS-124	PRIVATE PUBLIC PARTNERSHIPS TO IMPROVE CAPACITY TO MEASURE SDG,S	MISHA BELKINDAS, OPEN DATA WATCH	**MISHA BELKINDAS, ODW CONSULTING** TOPIC: ROLE OF ISI, AND STATISTICAL SOCIETIES IN MEASURING SDG'S
			HELI MIKKELA, STATISTICS FINLAND TOPIC: HOW STATISTICAL AGENCIES CAN SUPPORT BRIDGING THE DATA GAP
			HRISTINA ALEKSANDROVA, GOPA CONSULTING TOPIC: COMMON APPROACHES TO CAPACITY DEVELOPMENT IN RESPONSE TO AGENDA 2030
			DISCUSSANT: **OLIVER CHINGANYA, UN ECONOMIC COMMISSION FOR AFRICA**
			DISCUSSANT: **GABRIELLA VUKOVICH, HUNGARIAN CSO**

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IPS-129	MEASURING THE ECONOMIC IMPACT OF CRIME IN PEOPLE, HOUSEHOLDS AND BUSINESSES	ADRIAN FRANCO BARRIOS, INEGI	PANEL DISCUSSION WITH: JAN VAN DIJK, UNITED NATIONS OFFICE ON DRUGS AND CRIME
			PAUL HEATON, UNIVERSITY OF PENNSYLVANIA LAW SCHOOL
			MICHAEL PLANTY, US BUREAU OF JUSTICE STATISTICS
			HEATHER SUTTON, INTER-AMERICAN DEVELOPMENT BANK
			JAMES LYNCH, UNIVERSITY OF MARYLAND
			CLAUDIA VILLANTE, ISTAT
			ROBERTA CRIALESI, ISTAT
			ISABELLE SCHMIDT, STATISTICS SOUTH AFRICA
IPS-131	VIOLENCE AGAINST WOMEN	ADRIAN FRANCO BARRIOS, INEGI	PANEL DISCUSSION WITH: GINETTE AZCONA, UN WOMEN
			JANET LAURITSEN, UNIVERSITY OF MISSOURI – ST. LOUIS
			MONIKA LINN, UNECE
			MARIA GIUSEPPINA MURATORE, NATIONAL INSTITUTE FOR STATISTICS (ISTAT)
			NATALIA OLLUS, HEUNI
			SHAHRA RAZAVI, UNRISD
			SAMI NEVALA, EUROPEAN UNION AGENCY FOR FUNDAMENTAL RIGHTS
			ISABELLE SCHMIDT, STATISTICS SOUTH AFRICA

IPS#	PROPOSAL TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
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
			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**
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
			MIN CHEN, UNIVERSITY OF TEXAS, DALLAS TOPIC: RANKED SET SAMPLING IN SURVIVAL ANALYSIS
			NEERAJ TIWARI, KUMAUN UNIVERSITY TOPIC: TWO STAGE ADAPTIVE CLUSTER SAMPLING BASED ON ORDERED STATISTICS
			DISCUSSANT: **RAMAN NAUTIYAL, INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION, DEHRADUN, INDIA**
			DISCUSSANT: **RAOSAHEB LATPATE, SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE, INDIA**
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

IPS#	PROPOSAL TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
IPS-140	OUTLIER DETECTION	PETER FILZMOSER, TU WIEN	**PETER FILZMOSER, TU WIEN** TOPIC: OUTLIER DETECTION IN COMPOSITIONAL DATA: FROM ROW-WISE TO CELL-WISE
			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
IPS-141	ENVIRONMENTAL DATA IN THE DEVELOPMENT OF SDG INDICATORS	ALESSIO POLLICE, DIPARTIMENTO DI ECONOMIA E FINANZA "ALDO MORO" UNIVERSITY OF BARI	**KERRIE MENGERSEN, 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
			CAROLA FABI, FAO TOPIC: USING FAO'S METHODOLOGY FOR MONITORING SDG TARGET 12.3 TO ESTIMATE THE ENVIRONMENTAL IMPACT OF FOOD LOSSES
			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**

IPS#	PROPOSAL TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
IPS-142	NEW METHODOLOGIES FOR THE 2020/2021 ROUND OF POPULATION AND HOUSING CENSUSES	ERIC SCHULTE NORDHOLT, STATISTICS NETHERLANDS	**ROBERT COLOSI, CENSUS BUREAU (UNITED STATES)** TOPIC: PLANNED INNOVATIONS IN THE UNITED STATES 2020 CENSUS
			YOUNGIL LIM, STATISTICS KOREA TOPIC: NEW PARADIGM FOR POPULATION AND HOUSING CENSUS OF KOREA
			ABDULAZIZ ALATEEQ, GENERAL AUTHORITY FOR STATISTICS (SAUDI ARABIA) TOPIC: FUTURE OPERATIONAL PLAN SUMMARY FOR CENSUS IN THE KINGDOM OF SAUDI ARABIA
			JORGE LUIS VEGA VALLE, INSTITUTO NACIONAL DE ESTADÍSTICA (SPAIN) TOPIC: MOVING TOWARDS A REGISTER BASED CENSUS IN SPAIN
			DISCUSSANT: **PAOLO VALENTE, UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE**
IPS-146	THE QUALITY OF BIG DATA IS MORE THAN A PROBLEM TODAY (OVERVIEW WITH RECOMMENDATIONS)	VASILIY SIMCHERA, RUSSIAN ACADEMY OF ECONOMY SCIENCE	**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 MOTORIN, STATE UNIVERSITY OF FINANCE, KYIV 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**

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IPS-147	BUILDING FUTURE GENERATIONS OF STATISTICIANS THROUGH OUTREACH	AYSE AYSIN BILGIN, DIRECTOR OF THE MAJOR IN STATISTICS MACQUARIE UNIVERSITY, NSW 2109, AUSTRALIA	**AYSE AYSIN BILGIN, DEPARTMENT OF STATISTICS, MACQUARIE UNIVERSITY, NSW 2109, AUSTRALIA** TOPIC: STATISTICS: YOUR TICKET TO ANYWHERE!
			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
			PETER HOWLEY, NEWCASTLE UNIVERSITY, NEWCASTLE, AUSTRALIA TOPIC: TBA
			DAVID STERN, UNIVERSITY OF READING, READING, UK TOPIC: REINVENTING A DESIGN GAME TO TEACH REAL WORLD DATA SKILLS THROUGH SIMULATED DATA
			DISCUSSANT: **MANFRED BOROVNICK, UNIVERSITY OF KLAGENFURT, AUSTRIA**
			DISCUSSANT: **MARIA DEL CARMEN FABRIZIO, FACULTY OF AGRICULTURE, UNIVERSITY OF BUENOS AIRES, ARGENTINA**
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**

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IPS-152	SPECIAL PURPOSE ENTITIES: RELEVANCE AND IMPACT OF HARMONIZED CONCEPTS AND MEASUREMENT CHALLENGES	TJEERD JELLEMA, EUROPEAN CENTRAL BANK	**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
			PAUL FEUVRIER, BANQUE CENTRAL DE LUXEMBOURG TOPIC: IMF TASK FORCE FINAL REPORT ON SPECIAL PURPOSE ENTITIES (SPES): COMPILATION ISSUES AND IMPLEMENTATION IN LUXEMBOURG
			SAMI HAMROUSH, OFFICE OF NATIONAL STATISTICS, UK TOPIC: SPECIAL PURPOSE ENTITIES: RELEVANCE AND IMPACT OF HARMONISED CONCEPTS AND MEASUREMENT CHALLENGES – UK CONTRIBUTION
			RYAN NOONAN, BUREAU OF ECONOMIC ANALYSIS TOPIC: PASS-THROUGH EQUITY IN NONRESIDENT SPECIAL PURPOSE ENTITY AFFILIATES OF U.S. MULTINATIONAL ENTERPRISES
			DISCUSSANT: **CARLOS SANCHEZ-MUNOZ, IMF**
			DISCUSSANT: **PETER VANDEVEN, OECD**
IPS-153	TRANSFORMING POPULATION AND MIGRATION STATISTICS WITH ADMINISTRATIVE DATA	ANN BLAKE, OFFICE FOR NATIONAL STATISTICS	**JAMES BROWN, UNIVERSITY OF TECHNOLOGY SYDNEY** TOPIC: POPULATION ESTIMATION FROM ADMINISTRATIVE SOURCES; DISCUSSION OF SOME OF THE METHODOLOGICAL CHALLENGES WITH POTENTIAL SOLUTIONS
			BECKY TINSLEY, OFFICE FOR NATIONAL STATISTICS TOPIC: INTERNATIONAL APPROACHES TO ADMIN-BASED POPULATION ESTIMATES (OFFICE FOR NATIONAL STATISTICS, UK)
			CHRISTINE BYCROFT, STATISTICS NEW ZEALAND TOPIC: PROGRESS IN NEW ZEALAND USING LINKED ADMINISTRATIVE SOURCES FOR THE CENSUS AND POPULATION STATISTICS
			JOHN DUNNE, CENTRAL STATISTICS OFFICE, IRELAND TOPIC: ESTIMATION OF GROSS POPULATION FLOWS WHEN STATISTICAL POPULATION DATASETS (SPDS) ARE INCOMPLETE
			JAY LINDOP, OFFICE FOR NATIONAL STATISTICS TOPIC: UK PROGRESS ON PUTTING ADMINISTRATIVE DATA AT THE CORE OF MIGRATION STATISTICS

IPS#	PROPOSAL TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
IPS-154	RECENT DEVELOPMENTS IN DISCRETE MODELS	SENG HUAT ONG, UNIVERSITY MALAYA	**SENG HUAT ONG, UNIVERSITY OF MALAYA, UCSI UNIVERSITY** TOPIC: BIVARIATE GENERALIZED INVERSE TRINOMIAL AND RELATED DISTRIBUTIONS
			RAMESH C. GUPTA, UNIVERSITY OF MAINE ORONO TOPIC: LOG-CONCAVITY OF DISCRETE DISTRIBUTIONS
			CELESTIN KOKONENDJI, UNIVERSITÉ BOURGOGNE FRANCHE-COMTÉ - UFR SCIENCES ET TECHNIQUES UFC TOPIC: RELATIVE DISPERSION INDEXES FOR MULTIVARIATE COUNT DISTRIBUTIONS
			KIMBERLY F SELLERS, GEORGETOWN UNIVERSITY, WASHINGTON TOPIC: THE CONWAY-MAXWELL-POISSON STOCHASTIC PROCESS FOR DISPERSED COUNT DATA
			SHIN ZHU SIM, UNIVERSITI TUNKU ABDUL RAHMAN TOPIC: STATISTICAL INFERENCE FOR A FAMILY OF COUNT DISTRIBUTIONS FOR MODELLING DISPERSION
			SUBRATA CHAKRABORTY, DIBRUGARH UNIVERSITY, ASSAM, INDIA TOPIC: CURATE RATE MODELS UNDER DIFFERENT ACTIVATION SCHEMES: ROLE OF DISCRETE DISTRIBUTIONS
IPS-155	IMPROVING ACCESS TO AND SHARING OF GRANULAR DATA – INTERNATIONAL EXPERIENCES	CHRISTIAN HIRSCH, DEUTSCHE BUNDESBANK	**CHRISTIAN HIRSCH, DEUTSCHE BUNDESBANK** TOPIC: INTRODUCTION TO INEXDA'S METADATA SCHEMA
			EMILY WITT, EUROPEAN CENTRAL BANK TOPIC: INEXDA - THE GRANULAR DATA NETWORK
			LAURA BARTILORO, BANCA D'ITALIA TOPIC: HOW BANCA D'ITALIA DISSEMINATES GRANULAR STATISTICS TO EXTERNAL RESEARCHERS: THE CASE OF FIRMS' AND HOUSEHOLDS' SURVEY DATA
			MANUEL SÁNCHEZ VALADEZ, BANCO DE MÉXICO TOPIC: SHARING AND USING FINANCIAL MICRODATA
			STATISTICIAN OF CENTRAL BANK OF THE REPUBLIC OF TURKEY, TÜRKIYE CUMHURIYET MERKEZ BANKASI TOPIC: DATA SHARING UNDER CONFIDENTIALITY: THE CBRT CASE

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IPS-156	STATISTICS FOR CLIMATE EXTREMES	HOLGER ROOTZÉN, CHALMERS	**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?
			PETER GUTTORP, NORWEGIAN COMPUTING CENTER TOPIC: NONSTATIONARY MODELING OF STORM SURGES
			SEBASTIAN ENGELKE, SCHOOL OF MANAGEMENT AND ECONOMICS, UNIVERSITY OF GENEVA TOPIC: AN ENTROPY-BASED TEST FOR MULTIVARIATE THRESHOLD EXCEEDANCES
			ANTHONY C. DAVISON, DEPARTMENT OF STATISTICS, ECOLE POLYTECHNIQUE DE LAUSANNE TOPIC: GENERALISED PEAKS OVER THRESHOLD INFERENCE FOR COMPLEX EVENTS
			ANNA KIRILIOUK, SCHOOL OF ECONOMIC, ERASMUS UNIVERSITY ROTTERDAM TOPIC: CLIMATE EVENT ATTRIBUTION USING MULTIVARIATE PEAKS-OVER-THRESHOLDS MODELLING
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	**RUEY TSAY, UNIVERSITY OF CHICAGO, BOOTH SCHOOL OF BUSINESS** TOPIC: ANALYSIS OF HIGH-FREQUENCY SPATIO-TEMPORAL DATA
			NOEL CRESSIE, UNIVERSITY OF WOLLONGONG, AUSTRALIA TOPIC: DIMENSION-REDUCED INFERENCE FOR SPATIO-TEMPORAL CHANGES OF ARCTIC SEA ICE
			SONG-XI CHEN, PEKING UNIVERSITY, CHINA, AND IOWA STATE UNIVERSITY TOPIC: ASSESSMENT OF BEIJING'S AIR POLLUTION WITH ADJUSTMENT TO METEOROLOGICAL CONFOUNDING
			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**

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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
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**
IPS-164	ENHANCING THE VITAL ROLE OF VITAL STATISTICS – RECENT EXPERIENCES	NANCY MCBETH, GCC-STAT	**KASSAHUN ASIES ADMASSU, UN ECONOMIC COMMISSION FOR AFRICA** TOPIC: EXPERIENCES AND CHALLENGES IN PRODUCING VITAL STATISTICS FROM CIVIL REGISTRATION SYSTEMS IN AFRICA
			SALAH AL MUZAHMI, GCC-STAT TOPIC: IMPROVING QUALITY OF DEATH REGISTRATION IN GCC COUNTRIES (CASE STUDY: MEASURING THE COMPLETENESS OF DEATH REGISTRATION IN OMAN USING DIRECT METHODS)
			SAM NOTZON, CENTRE FOR DISEASE CONTROL TOPIC: BIRTH REGISTRATION: AN ESSENTIAL ELEMENT FOR THE INDIVIDUAL AND FOR GOVERNMENT
			DISCUSSANT: **SRDJAN MRKIC, UN STATISTICS DIVISION**

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IPS-169	REDUCING COMPLEXITY - THE IMPACTS AND METHODOLOGY OF INDICATORS AND SCOREBOARDS	WALTER J. RADERMACHER, FENSTATS	**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
			NICOLA MASSARELLI, EUROSTAT TOPIC: MONITORING SUSTAINABLE DEVELOPMENT IN AN EU CONTEXT
			SAKIKO FUKUDA-PARR, THE NEW SCHOOL NEW YORK TOPIC: TBA
			FILOMENA MAGGINO, UNIVERSITÀ DEGLI STUDI DI ROMA LA SAPIENZA TOPIC: FAIR AND SUSTAINABLE WELL-BEING INDICATORS FOR EUROPEAN COUNTRIES: COMPARING DIFFERENT SYNTHESIZING APPROACHES
			FRANCESCA PERUCCI, UNITED NATIONS STATISTICS DIVISION TOPIC: WHAT ARE THE RISKS AND OPPORTUNITIES OF SDGS COMPOSITE INDEXES?
			GABY UMBACH, EUROPEAN UNIVERSITY INSTITUTE TOPIC: OF NUMBERS AND NARRATIVES: DATA AND EVIDENCE FOR POLICY-MAKING IN THE 21ST CENTURY
			DISCUSSANT: **MICHAELA SAISANA, EUROPEAN COMMISSION, JOINT RESEARCH CENTRE**
			DISCUSSANT: **MAURIZIO VICHI, UNIVERSITÀ DEGLI STUDI DI ROMA LA SAPIENZA**

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IPS-173	CONSISTENT MEASUREMENT OF MULTINATIONAL ENTERPRISE (MNE) ACTIVITIES IN ECONOMIC STATISTICS	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	**FERNANDO LEMOS, CENTRAL BANK OF BRAZIL** TOPIC: ENHANCING THE QUALITY OF CORE FOREIGN DIRECT INVESTMENT STATISTICS
			LAURA BARTILORO, BANCA D'ITALIA TOPIC: RECONSIDERING THE DEBATE BETWEEN OWNERSHIP AND GEOGRAPHY: A NEW GLOBAL DATABASE OF MULTINATIONAL PRODUCTION
			JENS WALTER, DEUTSCHE BUNDESBANK TOPIC: COMPLEX MULTINATIONAL ENTERPRISES IN STATISTICS: THE COOPERATIVE APPROACH BETWEEN BUNDESBANK AND BANQUE DE FRANCE
			ATHANASIOS PETRALIAS, BANK OF GREECE TOPIC: TRACKING MULTINATIONALS' ACTIVITIES IN THE SHIPPING INDUSTRY: A NEW STATITISTICAL FRAMEWORK FOR THE ESTIMATION OF SEA TRANSPORT SERVICES IN THE GREEK BALANCE OF PAYMENTS
			YUKI UCHIDA, BANK OF JAPAN TOPIC: RECENT IMPROVEMENTS OF THE TANKAN BUSINESS SURVEY
			DISCUSSANT: **PETER VANDEVEN, HEAD OF NATIONAL ACCOUNTS**
IPS-175	METHODOLOGICAL DEVELOPMENT OF GLOBAL SDG INDICATORS	CHRISTINE MAYER, EUROSTAT	**PIETRO GENNARI, FAO** TOPIC: FAO'S EXPERIENCE IN UPGRADING TIER III 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**

IPS#	PROPOSAL TITLE	ORGANISER/ ORGANISATION	NAME/ORGANISATION, TOPIC
IPS-176	STATISTICAL CHALLENGES IN THE MONITORING OF COMMERCIAL PROPERTY MARKETS	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	**JENS MEHRHOFF, EUROSTAT** TOPIC: COMMERCIAL REAL ESTATE INDICATORS: PRICES AND BEYOND
			MASSIMILIANO AFFINITO, BANK OF ITALY TOPIC: CLOSING DATA GAPS IN THE MONITORING OF COMMERCIAL REAL ESTATE BANK LENDING
			EZGI DERYOL, CENTRAL BANK OF TURKEY TOPIC: CONSTRUCTING A COMMERCIAL PROPERTY PRICE INDEX FOR TURKEY
			THOMAS KNETSCH, DEUTSCHE BUNDESBANK TOPIC: PROGRESS IN MEASUREMENT OF PRICES AND ACTIVITY IN GERMAN COMMERCIAL PROPERTY MARKET
			CHIHIRO SHIMIZU, NATIONAL UNIVERSITY OF SINGAPORE TOPIC: COMPILATION OF THE COMMERCIAL PROPERTY PRICE INDEX (CPPI) AND ITS USE IN JAPAN
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
			JOSE MARIA SERENA, BANK FOR INTERNATIONAL SETTLEMENTS TOPIC: TBA
			SAYAKO KONNO MIZUNO, BANK OF JAPAN TOPIC: PROGRESS IN DGI-2 ON SECURITIES STATISTICS AND SECTORAL ACCOUNTS IN JAPAN
			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"
			ALEKSANDRA BUJNOWSKA, EUROSTAT TOPIC: A REFLECTION ON PRIVACY AND DATA CONFIDENTIALITY IN OFFICIAL STATISTICS

IPS#	PROPOSAL TITLE	ORGANISER/ ORGANISATION	NAME/ORGANISATION, TOPIC
IPS-178	FOR BETTER STATISTICS; GOOD COMMUNICATION BETWEEN USERS AND COMPILERS	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	**BAREND CHRISTOFFEL DE BEER, SOUTH AFRICAN RESERVE BANK** TOPIC: STAKEHOLDER ENGAGEMENT THROUGHOUT THE STATISTICAL VALUE CHAIN – VIEWS FROM SOUTH AFRICA
			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
			SANA ANTOINE SOUAID JAD, CENTRAL BANK OF LEBANON TOPIC: COMMUNICATING ON LEBANESE INFLATION: DECIPHERING THE IMPACT OF IMPORTED INFLATION
			STEPHAN MÜLLER, DEUTSCHE BUNDESBANK TOPIC: INTERNAL COMMUNICATION WITH USERS AT THE DEUTSCHE BUNDESBANK: IMPROVING STATISTICS AND ANALYTICS
			TIM DANNER, NETHERLANDS BANK TOPIC: BRINGING USERS AND COMPILERS TOGETHER – EFFECTIVE BUILDING ON DATADRIVEN SUPERVISION
			SYBILLE LUHMANN, EUROSTAT TOPIC: LET'S TALK! – COMMUNICATING STATISTICS ACROSS EUROPE THROUGH THE DIGICOM PROGRAMME
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: TBA
			AHMET ADNAN EKEN, CENTRAL BANK OF TURKEY TOPIC: TBA
			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 CAKMAK, CENTRAL BANK OF TURKEY TOPIC: NEW ELECTRONIC DATA DELIVERY SYSTEM OF CENTRAL BANK OF THE REPUBLIC OF TURKEY

IPS#	PROPOSAL TITLE	ORGANISER/ ORGANISATION	NAME/ORGANISATION, TOPIC
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
			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

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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	**OLAOLUWA SIMON YAYA, UNIVERSITY OF IBADAN, IBADAN, NIGERIA** TOPIC: MODELLING LONG RANGE DEPENDENCE AND NON-LINEARITY IN THE INFANT MORTALITY RATES OF AFRICA COUNTRIES
			CAROLINE FADEKE AJILOGBA, NORTH WEST UNIVERSITY, MAFIKENG CAMPUS, SOUTH AFRICA TOPIC: MANAGEMENT OF NON COMMUNICABLE DISEASES-THE SOUTH AFRICAN PERSPECTIVE
			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
			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
			IYANUOLUWA OREOFE 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
			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 NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, KUMASI, GHANA**
			DISCUSSANT: **CHOJA ODUARAN, NORTH WEST UNIVERSITY, MAFIKENG CAMPUS, SOUTH AFRICA**

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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**
IPS-188	SHORT TERM SURVEYS, BIG DATA AND INFLATION	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	**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
			JANA JONCKHEERE, NATIONAL BANK OF BELGIUM, BELGIUM TOPIC: TBA
			JOAO VICTOR ISSLER, GRADUATE SCHOOL OF ECONOMICS, GETULIO VARGAS FOUNDATION (FGV) / THE BRAZILIAN INSTITUTE OF ECONOMICS TOPIC: MICROFOUNDED FORECAST
			SADULLAH ÇELIK, FACULTY OF ECONOMICS, MARMARA UNIVERSITY, TURKEY TOPIC: TBA
			ABHIMAN DAS, INDIAN INSTITUTE OF MANAGEMENT AHMEDABAD TOPIC: INFLATION EXPECTATIONS IN INDIA: LEARNING FROM HOUSEHOLD TENDENCY SURVEYS
			DISCUSSANT: **VAGNER LAERTE ARDEO, CIRET / THE BRAZILIAN INSTITUTE OF ECONOMICS**

IPS#	PROPOSAL TITLE	ORGANISER/ ORGANISATION	NAME/ORGANISATION, TOPIC
IPS-192	PROVIDING OFFICIAL STATISTICS FOR SMALL AREAS	BALGOBIN NANDRAM, WORCESTER POLYTECHNIC INSTITUTE	**BALGOBIN NANDRAM, WORCESTER POLYTECHNIC INSTITUTE** TOPIC: A BAYESIAN APPROACH TO PROVIDING OFFICIAL STATISTICS FOR WARDS IN THE NEPAL CENSUS
			HUKUM CHANDRA, INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE TOPIC: SMALL AREA PREDICTION OF COUNTS UNDER NONPARAMETRIC GENERALIZED LINEAR MIXED MODEL
			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
			SANJAY CHAUDHURI, NATIONAL UNIVERSITY OF SINGAPORE TOPIC: COVARIANCE BASED MOMENT EQUATIONS FOR IMPROVED VARIANCE COMPONENT ESTIMATION
IPS-193	DATA INTEGRATION IN THE PRODUCTION OF OFFICIAL STATISTICS: PROGRESS, OPPORTUNITY AND CHALLENGES	MARCEL VAN KINTS, AUSTRALIAN BUREAU OF STATISTICS	**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
			PETER VIG JENSEN, STATISTICS DENMARK TOPIC: DATA INTEGRATION - THE WAY TO BETTER, AND CHEAPER, STATISTICS
			GEMMA VAN HALDEREN, AUSTRALIAN BUREAU OF STATISTICS TOPIC: TBA
			MARCEL VAN KINTS, AUSTRALIAN BUREAU OF STATISTICS TOPIC: TBA
			DISCUSSANT: **BRIAN A HARRIS-KOJETIN, US COMMITTEE ON NATIONAL STATISTICS**

IPS#	PROPOSAL TITLE	ORGANISER/ ORGANISATION	NAME/ORGANISATION, TOPIC
IPS-195	THE SYSTEM OF NATIONAL ACCOUNTS (SNA): PAST EXPERIENCES AND FUTURE CHALLENGES	ANDREW SHARPE, INTERNATIONAL ASSOCIATION FOR RESEARCH IN INCOME AND WEALTH	**PETER VANDEVEN, OECD** TOPIC: IT'S ABOUT TIME FOR A CHANGE: BROADENING THE SNA FRAMEWORK TO ACCOUNT FOR SUSTAINABILITY AND WELL-BEING
			ALBERT BRAAKMANN, FEDERAL STATISTICAL OFFICE OF GERMANY TOPIC: BROADENING THE SCOPE OF GDP – A STOCKTAKING ON INCLUDING ECOLOGICAL DEVELOPMENTS AND OTHER BASIC CONCEPTUAL AMENDMENTS
			SILKE STAPEL-WEBER, EUROSTAT TOPIC: IMPLEMENTING GLOBALIZATION IN NATIONAL ACCOUNTS: PRACTICAL STEPS IN EUROPE
			BRUNO TISSOT, BIS TOPIC: TBA
			LOUIS MARC DUCHARME, STATISTICS DEPARTMENT TOPIC: THE SYSTEM OF NATIONAL ACCOUNTS (SNA): PAST EXPERIENCES AND FUTURE CHALLENGES - TITLE: THE NEXT GENERATION OF INTERNATIONAL STATISTICAL STANDARDS: AN IMF VIEW
IPS-199	EFFECTS OF DIGITALISATION ON THE MEASUREMENTS AND DYNAMICS OF INFLATION	KUE-PENG CHUAH, BANK NEGARA MALAYSIA	**JEROME COFFINET, BANQUE DE FRANCE** TOPIC: EFFECTS OF THE INTERNET ON INFLATION: AN OVERVIEW OF THE LITERATURE AND EMPIRICAL ANALYSES
			HENK VERDUIN, STATISTICS NETHERLANDS TOPIC: TBA
			DISCUSSANT: **KUE-PENG CHUAH, BANK NEGARA MALAYSIA**
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
			DAN CRISAN, IMPERIAL COLLEGE LONDON TOPIC: SEQUENTIAL MONTE CARLO METHODS FOR STOCHASTIC TRANSPORT MODELS
			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

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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
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
IPS-210	FORECASTING BY COMBINING HARD AND SOFT DATA	KUE PENG CHUAH, 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

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IPS-213	THE FUTURE OF SOCIAL SECURITY DESIGN THROUGH BIG DATA ANALYTICS	PUNITHAA KYLASAPATHY, BANK NEGARA MALAYSIA	**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
			FIONA ELIZABETH STEWART, WORLD BANK GROUP, UNITED KINGDOM TOPIC: TBA
			DATUK SHAHRIL RIDZA RIDZUAN, KHAZANAH NASIONAL BERHAD, MALAYSIA TOPIC: TBA
IPS-214	STATISTICAL INFERENCE AND METHODS FOR EMERGING MANIFOLD DATA	SENG HUAT ONG, UNIVERSITY MALAYA & ASHIS SENGUPTA, INDIAN STATISTICAI INSTITUTE, KOLKATA, INDIA	**ASHIS SENGUPTA, INDIAN STATISTICAI INSTITUTE, KOLKATA, INDIA** TOPIC: UNIVERSAL AND EFFICIENT TESTS FOR ANALYSIS OF MEAN DIRECTION VECTORS
			VARGHESE GEORGE, AUGUSTA UNIVERSITY, USA TOPIC: STATISTICAL METHODS FOR DIFFERENTIALLY METHYLATED REGIONS
			YOGENDRA P. CHAUBEY, CONCORDIA UNIVERSITY, CANADA TOPIC: APPLICATION OF FELLER'S LEMMA FOR NON-PARAMETRIC DENSITY ESTIMATION: THE CASE OF DIRECTIONAL DATA
			SHOGO KATO, INSTITUTE OF STATISTICAL MATHEMATICS, TOKYO, JAPAN TOPIC: MÖBIUS TRANSFORMATION AND A CAUCHY FAMILY ON THE SPHERE
			CHOUNG MIN NG, INSTITUTE OF MATHEMATICAL SCIENCES, UNIVERSITY OF MALAYA, MALAYSIA TOPIC: GENERATING FUNCTION BASED ESTIMATION FOR A FAMILY OF CIRCULAR DISTRIBUTIONS
			TOMOAKI IMOTO, UNIVERSITY OF SHIZUOKA TOPIC: SINE-CORRELATED DISTRIBUTION ON THE TORUS

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IPS-215	RECENT DEVELOPMENT ON METHODS IN TEACHING AND LEARNING IN STATISTICS	ZAMALIA MAHMUD, UNIVERSITI TEKNOLOGI MARA	**ZAMALIA MAHMUD, UNIVERSITI TEKNOLOGI MARA** TOPIC: STATLEARN@: AN E-LEARNING TOOL FOR ASSISTING STUDENTS' UNDERSTANDING OF HYPOTHESIS TESTING
			DAVID YOUNG, UNIVERSITY OF STRATHCLYDE TOPIC: DATA SKILLS IN SCHOOLS: THE STATISTICS AWARD
			ELIZABETH STOJANOVSKI, UNIVERSITY OF NEWCASTLE, NSW AUSTRALIA TOPIC: DIFFERENCES IN PERCEPTIONS TOWARDS STEM OF MALE AND FEMALE STUDENTS IN AUSTRALIA
			MAMAN FATHURROHMAN, UNIVERSITY OF UNTIRTA, SERANG CITY INDONESIA TOPIC: OPTIMAL USE OF STATISTICAL SOFTWARES FOR INSIGHT AND SIMULATION IN TEACHING AND LEARNING STATISTICS: COMPARISON OF INDONESIA AND SAUDI ARABIA
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
			AMY GLASMEIER, MIT URBAN PLANNING TOPIC: TBA
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

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IPS-224	GOVERNANCE MODELS AND THEIR IMPACT ON QUALITY IN STATISTICAL SYSTEMS	EDUARDO BARREDO CAPELOT, EUROSTAT	**NICOLA SHEARMAN, UK STATISTICS AUTHORITY** TOPIC: TBA
			BILL WIATROWSKI, ACTING COMMISSIONER FOR THE BUREAU OF LABOR STATISTICS USA TOPIC: ORGANIZATION OF STATISTICAL AGENCIES IN THE UNITED STATES
			DELINA IBRAHIMAJ, DIRECTOR GENERAL FROM INSTAT, ALBANIA TOPIC: GOVERNANCE MODELS AND THEIR IMPACT ON QUALITY IN THE STATISTICAL SYSTEM
			JEAN MICHEL DURR, INSEE TOPIC: THE BALANCE BETWEEN GOVERNANCE SUPPORT NEEDED AND INFLUENCE AVOIDED; THE CASE OF POPULATION CENSUSES IN DEVELOPING COUNTRIES
			JORGE TODESCA, PRESIDENT INDEC ARGENTINA TOPIC: GOVERNANCE MODELS AND THEIR IMPACT ON QUALITY IN STATISTICAL SYSTEMS - THE CASE OF ARGENTINA
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
			KHAIRUL NAZRAN KAMARULNIZAM, BANK NEGARA MALAYSIA TOPIC: TBA
			VITTORIO FURLAN, ADA (ANALYTICS, DATA, ADVERTISING) TOPIC: TBA
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
			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**

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IPS-229	UBIQUITY AND RISKS OF MACHINE-GENERATED ALGORITHMS	MARY W. GRAY, AMERICIAN UNIVERSITY	**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
			REBECCA WEXLER, US DISTRICT COURT, SOUTHERN DISTRICT OF NEW YORK TOPIC: TBA
IPS-233	ENVIRONMENTAL PROCESSES AND HUMAN ACTIVITIES: CAPTURING THEIR INTERACTIONS VIA STATISTICAL METHODS (EPHASTAT)	DANIELA COCCHI, DIPARTIMENTO DI SCIENZE STATISTICHE	**GIOVANNA JONA LASINIO, SAPIENZA UNIVERSITY OF ROMA** TOPIC: BAYESIAN HIERARCHICAL MODELING OF MULTIVARIATE CLIMATE DATA
			ALESSIO POLLICE, UNIVERSITY OF BARI TOPIC: BAYESIAN MEASUREMENT ERROR CORRECTION IN STRUCTURED ADDITIVE DISTRIBUTIONAL REGRESSION
			GIANLUCA MASTRANTONIO, POLYTECHNIC OF TORINO TOPIC: ANALYSING A WOLF TRAJECTORY DATA, THROUGH THE NEW FORMALIZATION OF THE LOGISTIC-GAUSSIAN PROCESS
			SARA FONTANELLA, UNIVERSITY OF TORINO TOPIC: COUPLED GAUSSIAN PROCESSES FOR FUNCTIONAL DATA ANALYSIS

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IPS-234	BIG DATA AND SMALL AREAS IN MONITORING SUSTAINABLE DEVELOPMENT GOALS	MONICA PRATESI, UNIVERSITY OF PISA	**NIKOS TZAVIDIS, UNIVERSITY OF SOUTHAMPTON** TOPIC: ALTERNATIVE SPATIAL DATA SOURCES FOR SMALL AREA ESTIMATION IN DEVELOPING COUNTRIES
			RALF MUENNICH, UNIVERSITY OF TRIER TOPIC: MEASURING WELL-BEING AT LOCAL LEVEL USING BIG DATA
			DARIO BUONO, EUROSTAT THE STATISTICAL OFFICE OF THE EUROPEAN UNION. TOPIC: DO NOT START WITH DATA BUT WITH A GOOD QUESTION ABOUT SDGS
			STEFANO MARCHETTI, UNIVERSITY OF PISA TOPIC: SMALL AREA POVERTY INDICATORS ADJUSTED USING LOCAL PRICE INDEXES
			JAN VAN DEN BRAKEL, STATISTICS NETHERLANDS TOPIC: STATE-SPACE DYNAMIC FACTOR MODEL FOR NOW CASTING UNEMPLOYMENT
			DISCUSSANT: **FABIO BACCHINI, ISTAT - MAKSWELL PROJECT COORDINATOR**
			DISCUSSANT: **ESPEN BEER PRYDZ, CENTER FOR DEVELOPMENT DATA (C4D2) THE WORLD BANK GROUP**
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
			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: **GUIDO FERRARI, UNIVERSITY OF FLORENCE, ITALY**

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IPS-236	DIGITISATION, GLOBALISATION - STATISTICAL ASSOCIATIONS' ROLE AT NATIONAL, EUROPEAN AND INTERNATIONAL LEVEL	WALTER J. RADERMACHER, FENSTATS	**CAROLINE WILLEKE, CENTRAL BANK STATISTICS** TOPIC: DIGITISATION, GLOBALISATION - STATISTICAL ASSOCIATIONS' ROLE AT NATIONAL, EUROPEAN AND INTERNATIONAL LEVEL
			MONICA PRATESI, ITALIAN STATISTICAL SOCIETY, SIS TOPIC: DATA TO CHANGE: THE ROLE OF STATISTICAL ASSOCIATIONS
			EVA LACZKA, HUNGARIAN STATISTICAL ASSOCIATION, HSA TOPIC: INFLUENCE OF THE DIGITAL ERA AND GLOABALISATION ON THE FUNCTIONING OF NATIONAL STATISTICAL SOCIETIES
			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
			DISCUSSANT: **KONRAD PESENDORFER, AUSTRIAN STATISTICAL SOCIETY, ÖSG**
			DISCUSSANT: **HELEN MACGILLIVRAY, ISI**
IPS-242	ETHICS OF DATA COMMUNICATION	REGINA NUZZO, GALLAUDET UNIVERSITY	**JESSICA UTTS, UNIVERSITY OF CALIFORNIA - IRVINE** TOPIC: COMMUNICATING CONTROVERSIAL RESULTS TO THE PUBLIC
			ROBERT CUFFE, BBC TOPIC: THE VIEW FROM INSIDE THE NEWSROOM
			RAFAEL IRIZARRY, HARVARD UNIVERSITY TOPIC: TBA
			PANEL DISCUSSION WITH: **ANDREAS VASILIOS GEORGIOU, AMHERST COLLEGE, USA**

IPS#	PROPOSAL TITLE	ORGANISER/ ORGANISATION	NAME/ORGANISATION, TOPIC
IPS-243	STANDARDS FOR INTERNATIONAL COMPARABILITY ON RURAL, AGRICULTURAL STATISTICS	FLAVIO PINTO BOLLIGER, FAO	SUSAN OFFUTT, INTERNATIONAL CONSULTANT - FORMER USDA/ERS TOPIC: A GLOBALLY-CONSISTENT DEFINITION OF THE URBAN/RURAL CONTINUUM
			NELI GEORGIEVA, FAO TOPIC: FARM TYPOLOGY - A TOOL FOR A POLICY RELEVANT FARM CLASSIFICATION
			MICHAL SYNEK, FOREST PRODUCTS STATISTICS IN THE CZECH REPUBLIC, OLOMOUC – CZECH REPUBLIC TOPIC: THE NEW PROPOSAL OF FOREST PRODUCTS CLASSIFICATION AND DEFINITIONS
IPS-244	INTEGRATION FOR EFFICIENCY IN AGRICULTURAL STATISTICS	FLAVIO PINTO BOLLIGER, FAO	FLAVIO PINTO BOLLIGER, UNITED NATIONS FOOD AND AGRICULTURE ORGANIZATION - FAO TOPIC: AGRISURVEY AROUND THE WORLD:
			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
			HEM RAJ REGMI, NEPAL CENTRAL BUREAU OF STATISTICS, NEPAL TOPIC: STRATEGIC PLANNING FOR AGRICULTURE AND RURAL STATISTICS (SPARS) AND ITS IMPACT AT COUNTRY LEVEL
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?

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IPS-246	MEASURING WELL-BEING AT LOCAL LEVEL TO FINE-TUNE PUBLIC POLICIES	TIZIANA LAURETI, TUSCIA UNIVERSITY	**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
			KELSEY J. O'CONNOR, STATEC (STATISTICS LUXEMBURG) TOPIC: THE EFFECT OF IMMIGRATION ON NATIVES' WELL-BEING IN EUROPE
			DISCUSSANT: **PRASADA D.S. RAO, SCHOOL OF ECONOMICS, THE UNIVERSITY OF QUEENSLAND, AUSTRALIA**
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	**JOHN MARON ABOWD, UNITED STATES CENSUS BUREAU** TOPIC: THE UNITED STATES CENSUS BUREAU ADOPTS DIFFERENTIAL PRIVACY
			JÖRG DRECHSLER, GERMAN INSTITUTE FOR EMPLOYMENT RESEARCH (IAB) TOPIC: DIFFERENTIAL PRIVACY FROM A STATISTICAL PERSPECTIVE – OBTAINING VALID INFERENCES FROM DIFFERENTIALLY PRIVATE MICRODATA
			DANIEL ELAZAR, AUSTRALIAN BUREAU OF STATISTICS TOPIC: ABS TABLEBUILDER: LEADING EDGE ADVANCEMENTS IN AUTOMATED TABULAR CONFIDENTIALISATION FROM A DIFFERENTIAL PRIVACY PERSPECTIVE
			NATALIE SHLOMO, UNIVERSITY OF MANCHESTER TOPIC: CONFIDENTIALITY AND PRIVACY IN THE DISSEMINATION OF FREQUENCY TABLES

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IPS-249	THE STATUS OF STATISTICS EDUCATION FROM DIFFERENT COUNTRIES AND PERSPECTIVES	GAIL BURRILL, MICHIGAN STATE UNIVERSITY, USA	**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
			GAIL BURRILL, MICHIGAN STATE UNIVERSITY TOPIC: THE EVOLVING ROLE OF STATISTICS AS A DOMAIN OF STUDY IN THE UNITED STATES
			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.
			DISCUSSANT: **JOACHIM ENGEL, PRESIDENT-ELECT INTERNATIONAL ASSOCIATION FOR STATISTICAL EDUCATION, DEPARTMENT OF MATHEMATICS AND MATHEMATICS EDUCATION, LUDWIGSBURG UNIVERSITY OF EDUCATION, GERMANY**
IPS-250	BALANCING PRIVACY AND ACCESS IN A CHANGING WORLD – INTERNATIONAL EXPERIENCES	LARS VILHUBER, CORNELL UNIVERSITY	**LARS VILHUBER, CORNELL UNIVERSITY** TOPIC: CONFIDENTIALITY PROTECTION AND PHYSICAL SAFEGUARDS: A REVIEW
			STEFAN BENDER, DEUTSCHE BUNDESBANK (GERMANY) TOPIC: STATISTICAL DATA-PRODUCTION IN A DIGITIZED AGE: POTENTIALS FOR STATISTICS, RESEARCH AND SOCIETY
			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
			SPEAKER : TBA TOPIC: ABS DATALAB: A NEW FRONTIER IN DATA ACCESS, LATEST DEVELOPMENTS AND FUTURE CHALLENGES

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IPS-253	NEW HORIZON OF METHODOLOGICAL ADVANCE FOR FUNCTIONAL DATA ANALYSIS	BYEONG UK PARK, SEOUL NATIONAL UNIVERSITY	**BYEONG UK PARK, SEOUL NATIONAL UNIVERSITY** TOPIC: ADDITIVE REGRESSION WITH HILBERTIAN RESPONSES
			SERGE GUILLAS, UNIVERSITY COLLEGE LONDON TOPIC: FUNCTIONAL EMULATION OF HIGH RESOLUTION TSUNAMI MODELLING OVER CASCADIA
			HANS-GEORG MUELLER, UNIVERSITY OF CALIFORNIA, DAVIS TOPIC: WASSERSTEIN COVARIANCE FOR VECTORS OF RANDOM DENSITIES
			FANG YAO, PEKING UNIVERSITY, UNIVERSITY OF TORONTO TOPIC: INTRINSIC RIEMANNIAN FUNCTIONAL DATA ANALYSIS
IPS-254	STRATIFIED PSYCHIATRY AND PRECISION MEDICINE	THADDEUS TARPEY, NEW YORK UNIVERSITY	**EVA PETKOVA, NEW YORK UNIVERSITY** TOPIC: SEQUENTIAL ASSESSMENT STRATEGIES FOR MAKING INDIVIDUAL TREATMENT DECISIONS
			THADDEUS TARPEY, NEW YORK UNIVERSTIY TOPIC: STATISTICAL MODELING FOR PSYCHIATRIC NOSOLOGY
			TODD OGDEN, COLUMBIA UNIVERSITY TOPIC: DISTANCE-BASED APPROACHES TO PRECISION MEDICINE
			ADAM CIARLEGIO, GEORGE WASHINGTON UNIVERSITY TOPIC: HANDLING MISSING SCALAR AND FUNCTIONAL DATA IN INTEGRATIVE ANALYSIS WITH APPLICATIONS TO MENTAL HEALTH RESEARCH
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**

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IPS-256	MODERN ROBUST STATISTICS ON COMPLEX DATA	YIYUAN SHE, FLORIDA STATE UNIVERSITY	**ZHAO REN, UNIVERSITY OF PITTSBURGH** TOPIC: ADAPTIVE MINIMAX DENSITY ESTIMATION FOR HUBER'S CONTAMINATION MODEL UNDER L_P LOSSES
			ADITYA MISHRA, FLATIRON INSTITUTE, SIMONS FOUNDATION TOPIC: ROBUST REGRESSION WITH COMPOSITIONAL COVARIATES
			MARCO AVELLA-MEDINA, MASSACHUSETTS INSTITUTE OF TECHNOLOGY TOPIC: PRIVACY-PRESERVING PARAMETRIC INFERENCE: A CASE FOR ROBUST STATISTICS
			LIFENG LIN, FLORIDA STATE UNIVERSITY, UNITED STATES OF AMERICA TOPIC: POWERFUL METHODS FOR ASSESSING PUBLICATION BIAS
IPS-257	RECENT ADVANCES IN STATISTICAL METHODS FOR ANALYZING BRAIN NETWORKS	CHEE-MING TING, UNIVERSITI TEKNOLOGI MALAYSIA	**IVOR CRIBBEN, DEPARTMENT OF FINANCE AND STATISTICAL ANALYSIS, ALBERTA SCHOOL OF BUSINESS** TOPIC: NON-STATIONARY HIGH DIMENSIONAL TIME SERIES NETWORKS FOR BRAIN IMAGING DATA
			CHEE-MING TING, FACULTY OF BIOSCIENCES & MEDICAL ENGINEERING, UNIVERSITI TEKNOLOGI MALAYSIA, MALAYSIA TOPIC: IDENTIFYING STATE-DRIVEN CHANGES IN BRAIN NETWORKS USING REGIME-SWITCHING MODELS
			MARTIN A LINDQUIST, DEPARTMENT OF BIOSTATISTICS, JOHNS HOPKINS UNIVERSITY, USA TOPIC: A GEOMETRIC APPROACH TOWARDS EVALUATING FMRI PREPROCESSING PIPELINES
			NICOLE A. LAZAR, DEPARTMENT OF STATISTICS, UNIVERSITY OF GEORGIA, USA TOPIC: TOPOLOGICAL DATA ANALYSIS FOR BRAIN NETWORKS
			DISCUSSANT: **HERNANDO OMBAO, BIOSTATISTICS GROUP, KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SAUDI ARABIA**

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

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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	**KENNETH SIMLER, WORLD BANK** TOPIC: TBA
			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
			EILEEN ECAPILIT, ASIAN DEVELOPMENT BANK TOPIC: POVERTY LINES OR WELL-BEING: WHAT DO WE REALLY CAPTURE IN ICP?
			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"**
IPS-267	STATISTICAL AND COMPUTATIONAL CHANLLENGES FOR MULTILEVEL COMPLEX "OMICS" DATA	JIN ZHOU, UNIVERSITY OF ARIZONA	**HUA ZHOU, UNIVERSITY OF CALIFORNIA, LOS ANGELES** TOPIC: GENETIC ASSOCIATION ANALYSIS FOR T2D EHR PHENOTYPING WITH APPLICATION TO MILLION VETERAN PROGRAM (MVP)
			HAN CHEN, UNIVERSITY OF TEXAS, HEALTH SCIENCE CENTER AT HOUSTON TOPIC: EFFICIENT ASSOCIATION TESTS FOR SPARSE GENETIC AND GENOMIC DATA IN CORRELATED SAMPLES
			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

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IPS-269	MULTIDIMENSIONAL POVERTY: HOW TO MEASURE?	AHMAD JESSREE KAMARUDDIN, DEPARTMENT OF STATISTICS MALAYSIA	**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
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
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 I'INGÉNIEUR ORSAY, FRANCE** TOPIC: TBA
			JIANCANG ZHUANG, INSTITUTE OF STATISTICAL MATHEMATICS, JAPAN TOPIC: HAWKES MODELS IN SOCIAL AND NATURAL SCIENCES: ESTIMATION, DIAGNOSTICS AND EXTENSIONS
			TAHA OUARDA, INRS (INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE) TOPIC: TBA
			TREVOR HARRIS, UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN TOPIC: DETECTING SHAPE ANOMALIES IN FUNCTIONAL DATA WITH ELASTIC DEPTH
			DISCUSSANT: **SERGE GUILLAS, UNIVERSITY COLLEGE LONDON**

62nd ISI World Statistics Congress 2019 (ISI WSC 2019)
18 – 23 August 2019 in Kuala Lumpur, Malaysia
Acceptance List of the Invited Paper Sessions (IPS)

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IPS-273	COCLUSTERING: MODEL BASED OR MODEL FREE APPROACHES?	CHRISTOPHE BIERNACKI, INRIA	**NIAL FRIEL, UNIVERSITY COLLEGE DUBIN** TOPIC: SOME RECENT DEVELOPMENTS IN THE ANALYSIS OF BIPARTITE NETWORKS
			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
			MOHAMED NADIF, UNIVERSITÉ PARIS DESCARTES TOPIC: REGULARIZED SPECTRAL CO-CLUSTERING
			CHARLOTTE LACLAU, UNIVERSITÉ GRENOBLE ALPES TOPIC: CO-CLUSTERING THROUGH RANK-ONE APPROXIMATION
			DISCUSSANT: **CHRISTINE KERIBIN, UNIVERSITÉ PARIS SUD**
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**
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

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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
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

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			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
			SOMSAMAY NORASANE, LAO STATISTICS BUREAU TOPIC: SURVEY DESIGN FOR QUARTERLY LABOR FORCE SURVEY IN LAO P.D.R.
			JAY MANLAPAZ, PHILIPPINE STATISTICS AUTHORITY TOPIC: RESEARCH REPORT ON THE REDESIGNING OF THE BACKYARD LIVESTOCK AND POULTRY SURVEY
			DIVINA GRACIA L. DEL PRADO, PHILIPPINE STATISTICS AUTHORITY TOPIC: REDESIGNING OF PALAY PRODUCTION SURVEY
IPS-285	PRE-RELEASE ACCESS TO OFFICIAL STATISTICS: DOES IT CONFLICT WITH INDEPENDENCE AND IMPARTIALITY?	ANDREAS VASILIOS GEORGIOU, AMHERST COLLEGE, USA	**MARJO-RIITTA SYLVIA BRUUN, STATISTICS FINLAND** TOPIC: PRE-RELEASE AND EMBARGO – NO, THEY DON'T EXIST
			ANDREAS VASILIOS GEORGIOU, AMHERST COLLEGE, USA TOPIC: PRELEASE 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**

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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
			ELIAS BAREINBOIM, DEPARTMENT OF COMPUTER SCIENCE, PURDUE UNIVERSITY TOPIC: CAUSAL INFERENCE AND THE DATA FUSION PROBLEM
			VANESSA DIDELEZ, LEIBNIZ INSTITUTE FOR PREVENTION RESEARCH AND EPIDEMIOLOGY TOPIC: CAUSAL MEDIATION WITH LONGITUDINAL MEDIATOR AND SURVIVAL OUTCOME
IPS-287	RISK AND PROBABILITY LITERACY	MANFRED BOROVNICK, UNIVERSITY OF KLAGENFURT, AUSTRIA	**MANFRED BOROVNICK, 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
			DALENE STANGL, DEPARTMENT OF STATISTICS AND DATA SCIENCE, CARNEGIE MELLON UNIVERSITY, PITTSBURGH, PA TOPIC: TEACHING SUBJECTIVE PROBABILITY AND RISK
			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**
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**

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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 VIVACQUA, UFRN, NATAL, BRAZIL TOPIC: EFFECTS OF PARTICIPATION IN A STATISTICAL LABORATORY ON STATISTICS STUDENTS
			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.
			HAFTOM TEMESGEN, MEKELLE UNIVERSITY, ETHIOPIA TOPIC: EDUCATIONAL IMPACT OF STATISTICAL COLLABORATION LABORATORY ON STUDENTS
IPS-291	STATISTICAL SIMULATION AND COMPUTATION IN RESEARCH	IBRAHIM BIN MOHAMED, UNIVERSITY OF MALAYA, KUALA LUMPUR, MALAYSIA	**YOSHINORI KAWASAKI, INSTITUTE OF STATISTICAL MATHEMATICS, TOKYO, JAPAN** TOPIC: FORECASTING FINANCIAL MARKET VOLATILITY USING A DYNAMIC TOPIC MODEL
			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
			YOU BENG KOH, UNIVERSITY OF MALAYA, MALAYSIA TOPIC: MODEL SELECTION BASED ON VALUE-AT-RISK BACKTESTS APPROACH FOR GARCH-TYPE MODELS
			LIM FONG PENG, UNIVERSITY PUTRA MALAYSIA TOPIC: OUTLIER DETECTION IN 2×2 CROSSOVER DESIGN USING BAYESIAN FRAMEWORK
			DISCUSSANT: **AZAMI ZAHARIM, NATIONAL UNIVERSITY OF MALAYSIA, MALAYSIA**

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IPS-294	INCREASING DOMAIN EXPERTS' ENGAGEMENT WITH STATISTICS THROUGH STATISTICAL COLLABORATION LABORATORIES	ERIC VANCE, LISA-UNIVERSITY OF COLORADO BOULDER	**BHASWATI GANGULI, UNIVERSITY OF CALCUTTA, INDIA** TOPIC: UNIVERSITY - INDUSTRY PARTNERSHIPS: EXPERIENCES FROM INDIA
			KASSAHUN TRUEHA, WOLKITE UNIVERSITY, ETHIOPIA TOPIC: THE IMPACT OF STATISTICAL COLLABORATION CENTER ON NON – STATISTICIAN, WOLKITE UNIVERSITY, ETHIOPIA
			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
			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**
IPS-295	HOW TO SCALE UP STATISTICAL ANALYSIS CAPACITY TO ACHIEVE THE SUSTAINABLE DEVELOPMENT GOALS	ERIC VANCE, LISA-UNIVERSITY OF COLORADO BOULDER	**ERIC VANCE, LISA-UNIVERSITY OF COLORADO BOULDER** TOPIC: HOW THE LISA 2020 PROGRAM IS SCALING UP STATISTICAL ANALYSIS CAPACITY
			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
			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 INTERDISPLINARY STATISTICAL ANALYSIS (SUALISA)
			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: **BHASWATI GANGULI, UNIVERSITY OF CALCUTTA, INDIA**

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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
			SOPHIE LIMPACH, EUROPEAN COMMISSION TOPIC: THE EARLY-WARNING SYSTEM
			TIMO KOSKIMAKI, STATISTICS FINLAND TOPIC: SHARING OF DATA AND INFORMATION BETWEEN COUNTRIES AS A PRECONDITION FOR INTERNATIONALLY CONSISTENT ECONOMIC STATICTICS
			FRED DEMOLLIN, CBS - NETHERLANDS TOPIC: LARGE CASE UNITS AS A TOOL TO COVER MNES IN A CONSISTENT WAY IN OFFICIAL STATISTICS
			DIANA DOYLE, OECD, PARIS, FRANCE TOPIC: BUILDING THE INTERNATIONAL STATISTICAL INFRASTRUCTURE FOR ADDRESSING MNE ACTIVITIES AND RESTRUCTURINGS
IPS-298	TOWARDS UNIVERSAL HOLISTIC FRAMEWORK OF MONITORING AND EVALUATION OF SDG	NOR ALKASHAH ARIF SHAH, DEPARTMENT OF STATISTICS MALAYSIA	**AHMAD KAMAL WASIS@WAKSIS, ECONOMIC PLANNING UNIT** TOPIC: TBA
			SETIA PRAMANA, INSTITUTE OF STATISTICS, BPS STATISTICS INDONESIA TOPIC: BIG DATA FOR SDGS MONITORING IN INDONESIA: POTENTIAL IMPLEMENTATIONS AND CHALLENGES
			MARK COURTENAY HEREWARD, UNICEF TOPIC: HOW DO NATIONAL TARGETS MEASURE UP TO GLOBAL VISION OF THE 2030 AGENDA?
			AHMAD JESSREE KAMARUDDIN, DEPARTMENT OF STATISTICS MALAYSIA, MALAYSIA TOPIC: TBA

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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
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
IPS-305	CHALLENGES AND EMERGING ISSUES ON RISK ANALYSIS	TERESA A. OLIVEIRA, UNIVERSIDADE ABERTA AND CEAUL	**IVETTE GOMES, FACULTY OF SCIENCES OF UNIVERSITY OF LISBON** TOPIC: TAIL DEPENDENCE COEFFICIENT ESTIMATION AND RISK MODELING
			MAREK KIMMEL, RICE UNIVERSITY, HOUSTON, TX 77005, USA TOPIC: EXTRACTING TUMOR GROWTH AND MUTATION HISTORIES FROM SEQUENCING DATA
			MANUELA NEVES, UNIVERSIDADE DE LISBOA, PORTUGAL TOPIC: EXTREME RISK MODELING AND FORECASTING – A COMPUTATIONAL APPROACH
			DISCUSSANT: **TERESA A. OLIVEIRA, UNIVERSIDADE ABERTA AND CEAUL**

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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
IPS-320	FROM STATUS IN EMPLOYMENT TO WORK RELATIONSHIPS:	MICHAEL THYE FROSCH, INTERNATIONAL LABOUR ORGANIZATION	**MICHAEL THYE FROSCH, INTERNATIONAL LABOUR ORGANIZATION** TOPIC: THE RESOLUTION CONCERNING STATISTICS ON WORK RELATIONSHIP AND HOW IT CAN BE MEASURED
			DANIEL PÉREZ, INSTITUTO NACIONAL DE ESTADÍSTICA DE CHILE (INSE) TOPIC: DEBATES AND ISSUES TO IDENTIFY DEPENDENT CONTRACTORS IN LABOR FORCE SURVEYS
			WISSANEE POONSAB, STATISTICAL OFFICE OF THAILAND TOPIC: THAILAND 2017 LFS - HIGHLIGHTS OF FINDINGS FROM TESTING OF DEPENDENT CONTRACTORS
			MONICA DIANNE CASTILLO, ILO TOPIC: ENTREPRENEURS, MULTIPARTY WORK RELATIONSHIPS AND WORK IN THE INTERNET-BASED "GIG ECONOMY": HOW TO ADVANCE ON STATISTICAL MEASUREMENT?
			TINE CORDES, STATISTICS DENMARK, COPENHAGEN, DENMARK TOPIC: TESTING DEPENDENT CONTRACTORS IN THE DANISH LABOUR FORCE SURVEY
			DISCUSSANT: **JOANN VANEK, WIEGO**
			DISCUSSANT: **TITE HABIYAKARE, ILO**

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IPS-355	ISI HISTORY SESSION	PETER GUTTORP, NORWEGIAN COMPUTING CENTER	**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)
			GEORG LINDGREN, LUND UNIVERSITY, SWEDEN TOPIC: STEVE O. RICE (1907 – 1986) – INSPIRED BY RANDOM NOISE, INSPIRING STATISTICS RESEARCH
			AMANDA L GOLBECK, UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES, USA TOPIC: ELIZABETH L. SCOTT: A PORTRAIT OF THE STATISTICIAN AS A YOUNG WOMAN
			PANEL DISCUSSION WITH: **THORDIS THORARINSDOTTIR, NORWEGIAN COMPUTING CENTER, OSLO, NORWAY**
			WENDY MARTINEZ, BUREAU OF LABOR STATISTICS,WASHINGTON, DC, USA