

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
19TH AUGUST 2019	8.50 AM - 10.00 AM	SIPS-2235	2018 INTERNATIONAL PRIZE IN STATISTICS WINNER LECTURE	HELEN MACGILLIVRAY, ISI PRESIDENT	BRADLEY EFRON, STANFORD UNIVERSITY, USA TOPIC: PREDICTION, ESTIMATION, AND ATTRIBUTION DISCUSSANT: SUSAN ELLENBERG, UNIVERSITY OF PENNSYLVANIA CHAIR: HELEN MACGILLIVRAY, ISI PRESIDENT
20TH AUGUST 2019	8.50 AM - 10.00 AM	SIPS-167	IASS PRESIDENT'S INVITED SESSION	RISTO LEHTONEN, UNIVERSITY OF HELSINKI, FINLAND	GERO CARLETTO, WORLD BANK TOPIC: A THING OF THE PAST? HOUSEHOLD SURVEYS IN THE NEW GLOBAL DATA ECOSYSTEM CHAIR: PETER LYNN, UNIVERSITY OF ESSEX, UK
20TH AUGUST 2019	8.50 AM - 10.00 AM	SIPS-251	IASE PRESIDENT'S INVITED SESSION: DATA SCIENCE AND STATISTICAL EDUCATION	GAIL BURRILL, MICHIGAN STATE UNIVERSITY, USA	RICHARD DEVEAUX, WILLIAMS COLLEGE, WILLIAMSTOWN, USA TOPIC: THE SEVEN DEADLY SINS OF DATA SCIENCE CHAIR: GAIL BURRILL, MICHIGAN STATE UNIVERSITY, USA
20TH AUGUST 2019	8.50 AM - 10.00 AM	SIPS-358	IAOS PRESIDENT LECTURE: WALKING THROUGH PREVIOUSLY UNCHARTED TERRITORIES: GOVERNANCE, CRIME AND DRUG STATISTICS	MARIO PALMA, IAOS	GEMMA VAN HALDERAN, UNITED NATIONS ECONOMIC COMMISSION FOR ASIA AND THE PACIFIC (UNESCAP) TOPIC: PEACE, JUSTICE AND STRONG INSTITUTIONS. WALKING THROUGH ASIAN AND PACIFIC TERRITORIES ANGELA ME, UNITED NATIONS OFFICE ON DRUGS AND CRIME (UNODC) TOPIC: TBA JAMES LYNCH, UNIVERSITY OF MARYLAND, USA TOPIC: THE CHALLENGE OF PRESERVING DIRECT CITIZEN PARTICIPATION IN THE DEFINITION OF THE CRIME PROBLEM: THE FUTURE OF VICTIMIZATION SURVEYS DISCUSSANT: NANCY MCBETH, GULF COOPERATION COUNCIL STATISTICAL CENTER (GCC STAT) CHAIR: MARIO PALMA, IAOS

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20TH AUGUST 2019	8.50 AM - 10.00 AM	SIPS-365	INTERNATIONAL STATISTICAL REVIEW JOURNAL LECTURE	NALINI RAVISHANKER, UNIVERSITY OF CONNECTICUT, USA	DAVID HAZIZA, UNIVERSITY OF MONTREAL, CANADA TOPIC: RECENT DEVELOPMENTS IN DEALING WITH ITEM NONRESPONSE IN SURVEYS: A CRITICAL REVIEW DISCUSSANT 1: SCOTT H HOLAN, UNIVERSITY OF MISSOURI/US CENSUS BUREAU DISCUSSANT 2: JAMES BROWN SCHOOL OF MATHEMATICAL AND PHYSICAL SCIENCES, UNIVERSITY OF TECHNOLOGY CHAIR: RAY CHAMBERS, UNIVERSITY OF WOLLONGONG, AUSTRALIA
20TH AUGUST 2019	8.50 AM - 10.00 AM	SIPS-367	STATISTICAL SOCIETIES PRESIDENTIAL LECTURES 1	HELEN MACGILLIVRAY, ISI PRESIDENT	LOUISE M RYAN, UNIVERSITY OF TECHNOLOGY SYDNEY, AUSTRALIA TOPIC: INTERNATIONAL BIOMETRIC SOCIETY – A GLOBAL NETWORK OF STATS NERDS WHO LOVE TO SOLVE PROBLEMS IN THE BIOLOGICAL SCIENCES! KAREN KAFADAR, UNIVERSITY OF VIRGINIA, USA TOPIC: TBA CHAIR: HELEN MACGILLIVRAY, ISI PRESIDENT
20TH AUGUST 2019	10.30 AM - 12.30 PM	SIPS-373	INTERNATIONAL SOCIETY FOR BAYESIAN ANALYSIS INVITED PAPERS SESSION	EDOARDO M AIROLDI, HARVARD UNIVERSITY, USA	BETSY OGBURN, JOHNS HOPKINS UNIVERSITY, USA TOPIC: SOCIAL NETWORK DEPENDENCE, THE REPLICATION CRISIS, AND (IN)VALID INFERENCE ALEXANDER VOLFOVSKY, DUKE UNIVERSITY, USA TOPIC: TBA PANOS TOULIS, UNIVERSITY OF CHICAGO BOOTH, USA TOPIC: TBA GUILLAUME BASSE, BERKELEY / STANFORD UNIVERSITY, USA TOPIC: TBA

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20TH AUGUST 2019	10.30 AM - 12.30 PM	SIPS-629	SPECIAL IPS: INTERNATIONAL BIOMETRIC SOCIETY INVITED PAPERS SESSION	ALISON KELLY, QLD ALLIANCE FOR AGRICULTURE AND FOOD INNOVATION, THE UNIVERSITY OF QUEENSLAND, BRISBANE, AUSTRALIA	YOHANNES FEKADU, ETHIOPIAN INSTITUTE OF AGRICULTURAL RESEARCH TOPIC: ADVANCED METHODS OF STATISTICAL ANALYSIS FOR MULTI-ENVIRONMENT TRIAL DATA ENHANCED GENETIC GAIN IN THE ETHIOPIAN SORGHUM RESEARCH BREEDING PROGRAM ELISABETTA CARFAGNA, UNIVERSITY OF BOLOGNA TOPIC: SPATIAL SAMPLING AND GEOSPATIAL INFORMATION FOR MONITORING AGRICULTURE AND AGRI-ENVIRONMENT PETRA KUHNERT, CSIRO TOPIC: HARNESSING THE NEXT GENERATION OF AGRICULTURAL MACHINERY: BEYOND THE TRACTOR DISCUSSANT: LINDA J YOUNG, US DEPARTMENT OF AGRICULTURE'S NATIONAL AGRICULTURAL STATISTICS SERVICE CHAIR: DR ROSS DARNELL, BRISBANE AUSTRALIA
21ST AUGUST 2019	8.50 AM - 10.00 AM	SIPS-138	ASMBI JOURNAL SESSION	FABRIZIO RUGGERI, ITALIAN NATIONAL RESEARCH COUNCIL MILANO, ITALY	YVES LAURENT GRIZE, ZURICH UNIVERSITY OF APPLIED SCIENCES, SWITZERLAND TOPIC: MACHINE LEARNING APPLICATIONS IN NONLIFE INSURANCE DISCUSSANT 1: TAHIR EKIN, TEXAS STATE UNIVERSITY DISCUSSANT 2: DAVID BANKS, DUKE UNIVERSITY CHAIR: FABRIZIO RUGGERI, CNR IMATI
21ST AUGUST 2019	8.50 AM - 10.00 AM	SIPS-2339	SPECIAL INVITED SESSION: OFFICIAL STATISTICS: CHALLENGES AND OPPORTUNITIES IN NSOS AND CENTRAL BANKS	HELEN MACGILLIVRAY, ISI PRESIDENT & BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	SILKE STAPEL TOPIC: TBA GLORIA PEÑA TOPIC: TBA KONRAD PESENDORFER TOPIC: TBA

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					COMMISSIONER NING JIZHE TOPIC: TBA CHAIR: GABRIELLA VUKOVICH CHAIR: AUREL SCHUBERT
21ST AUGUST 2019	8.50 AM - 10.00 AM	SIPS-350	IASC PRESIDENT'S LECTURE	WING KAM FUNG, UNIVERSITY OF HONG KONG	XUMING HE, UNIVERSITY OF MICHIGAN, USA TOPIC: INFERENCE ON THE BEST SELECTED SUBGROUP CHAIR: WING KAM FUNG, UNIVERSITY OF HONG KONG
21ST AUGUST 2019	8.50 AM - 10.00 AM	SIPS-368	STATISTICAL SOCIETIES PRESIDENTIAL LECTURES 2	HELEN MACGILLIVRAY, ISI PRESIDENT	SUSAN MURPHY, HARVARD UNIVERSITY, USA TOPIC: TBA DEBORAH ASHBY, IMPERIAL COLLEGE, UK TOPIC: THE ROYAL STATISTICAL SOCIETY: HOW IS A SOCIETY WITH 19TH CENTURY ROOTS STAYING RELEVANT IN THE 21ST CENTURY? CHAIR: HELEN MACGILLIVRAY, ISI PRESIDENT
21ST AUGUST 2019	10.30 AM - 12.30 PM	SIPS-125	TIES PRESIDENTIAL SESSION	GIOVANNA JONA LASINIO, DEP. OF STATISTICAL SCIENCES-SAPIENZA UNIVERSITY OF ROME, ITALY	NOEL CRESSIE, UNIVERSITY OF WOLLONGONG, AUSTRALIA TOPIC: ATMOSPHERIC CARBON AND THE STATISTICAL SCIENCE OF MEASURING, MAPPING, AND UNCERTAINTY QUANTIFICATION FRANCESCO FINAZZI, UNIVERSITY OF BERGAMO, ITALY TOPIC: MODELLING 4D CLIMATE VARIABLES USING FUNCTIONAL DATA ANALYSIS STEFANO CASTRUCCIO, UNIVERSITY OF NOTRE DAME, USA TOPIC: MODELING GLOBAL CLIMATE DATA ON A GRID CHAIR: ALESSANDRO FASSÒ, DEPARTMENT OF MANAGEMENT, INFORMATION AND PRODUCTION ENGINEERING UNIVERSITY OF BERGAMO, ITALY

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22ND AUGUST 2019	8.50 AM - 10.00 AM	SIPS-111	ENVIRONMETRICS JOURNAL INVITED PAPER SESSION	WALTER PIEGORSH, UNIV. OF ARIZONA	JOSHUA HEWITT, COLORADO STATE UNIVERSITY, USA TOPIC: REMOTE EFFECTS SPATIAL PROCESS MODELS FOR MODELING TELECONNECTIONS CHAIR: NOEL CRESSIE, UNIVERSITY OF WOLLONGONG, AUSTRALIA
22ND AUGUST 2019	8.50 AM - 10.00 AM	SIPS-1311	MAHALANOBIS PRIZE LECTURE	HELEN MACGILLIVRAY, ISI PRESIDENT	REINALDO BORIS ARELLANO VALLE, PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE TOPIC: TBA DISCUSSANT 1: MÁRCIA BRANCO, USP-BRASIL DISCUSSANT 2: MARC G. GENTON, KAUST-SA
22ND AUGUST 2019	8.50 AM - 10.00 AM	SIPS-2338	SPECIAL IPS: HOST COUNTRY MALAYSIA INVITED PAPERS SESSION 1: INTERNATIONALISATION OF STATISTICAL NETWORKING IN DEVELOPING COUNTRIES: OPPORTUNITIES AND CHALLENGES	TBA	DATO' WIRA DR JAMIL OSMAN, INTERNATIONAL ISLAMIC UNIVERSITY OF MALAYSIA TOPIC: TBA SHAHJAHAN KHAN, UNIVERSITY OF SOUTHERN QUEENSLAND, AUSTRALIA TOPIC: TBA CHAIR: SOPHIE DABO-NIANG, UNIVERSITY OF CHARLES DE GAULLE
22ND AUGUST 2019	8.50 AM - 10.00 AM	SIPS-356	BERNOULLI SOCIETY PRESIDENT LECTURE	MARK PODOLSKIJ, AARHUS UNIVERSITY	MICHAEL NEWTON, UNIVERSITY OF WISCONSIN-MADISON, USA TOPIC: ON BENEFICIAL WAYS TO COMBINE CLUSTERING AND HYPOTHESIS TESTING CHAIR: SUSAN MURPHY, BERNOULLI SOCIETY

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22ND AUGUST 2019	8.50 AM - 10.00 AM	SIPS-360	IAOS JOURNAL LECTURE	KIRSTEN WEST, SJIAOS	<p>MICHELE CONNOLLY, INTERNATIONAL GROUP ON INDIGENOUS HEALTH MEASUREMENTS TOPIC: JIAOS SPECIAL EDITION ON MEASURING INDIGENOUS IDENTIFICATION - NEXT STEPS RICHARD MADDEN, UNIVERSITY OF SYDNEY, AUSTRALIA TOPIC: UPDATE ON IAOS WORKING GROUP ON INTERNATIONAL INDIGENOUS STATISTICS DISCUSSANT: BRIDGET ROBSON, UNIVERSITY OF OTAGO, NEW ZEALAND CHAIR: SAM NOTZON, US NATIONAL CENTER FOR HEALTH STATISTICS</p>
22ND AUGUST 2019	8.50 AM - 10.00 AM	SIPS-372	STATISTICS EDUCATION RESEARCH JOURNAL SESSION	MANFRED BOROBNICK, UNIVERSITY OF KLAGENFURT, AUSTRIA	<p>FABRIZIO RUGGERI, ITALIAN NATIONAL RESEARCH COUNCIL MILANO, ITALY TOPIC: MY EXPERIENCE AS EDITOR-IN-CHIEF OF A JOURNAL PANEL DISCUSSION WITH: AYSE AYSIN BILGIN, MACQUARIE UNIVERSITY SYDNEY, AUSTRALIA MANFRED BOROBNICK, UNIVERSITY OF KLAGENFURT, AUSTRIA THEODOSIA PRODROMOU, UNIVERSITY OF NEW ENGLAND, AUSTRALIA ERIC SOWEY, THE UNIVERSITY OF NEW SOUTH WALES, SYDNEY, AUSTRALIA CHAIR: DAVID STERN, UNIVERSITY OF READING</p>

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22ND AUGUST 2019	10.30 AM - 12.30 PM	SIPS-182	IASS JOURNAL AND COCHRAN-HANSEN PRIZE INVITED SESSION	RISTO LEHTONEN, UNIVERSITY OF HELSINKI, FINLAND	DIEGO ANDRES PEREZ RUIZ, UNIVERSITY OF MANCHESTER TOPIC: SUPPLEMENTING SMALL PROBABILITY SAMPLES WITH NONPROBABILITY SAMPLES: A BAYESIAN APPROACH FRAUKE KREUTER, UNIVERSITY OF MARYLAND, USA & UNIVERSITY OF MANNHEIM, GERMANY TOPIC: INTERNATIONAL PROGRAM IN SURVEY AND DATA SCIENCE: AN ENVIRONMENT FOR TRAINING AND COOPERATION DISCUSSANT: PEDRO LUIS DO NASCIMENTO SILVA, IBGE CHAIR: PETER LYNN, UNIVERSITY OF ESSEX, UK
22ND AUGUST 2019	10.30 AM - 12.30 PM	SIPS-2241	SPECIAL SESSION : EARLY CAREER AWARDS	HELEN MACGILLIVRAY, ISI PRESIDENT	TIES ABDEL EL-SHARAawi EARLY INVESTIGATOR AWARD TOPIC: TBA ABS YS WINNERS TOPIC: TBA IAOS YS AWARD TOPIC: TBA SUMMER WANG (ABS YS WINNERS) TOPIC: USING PREDICTED RESPONSE PROPENSITY SCORES WITH THE RANDOM FORESTS METHOD TO DIRECT A RESPONSIVE INTENSIVE FOLLOW UP STRATEGY SAYANTEE JANA (IBS-ISI YOUNG AMBASSADOR), INDIAN INSTITUTE OF MANAGEMENT, NAGPUR TOPIC: PARAMETER ESTIMATION FOR THE EXTENDED GROWTH CURVE MODEL UNDER MULTIVARIATE SKEW NORMAL DISTRIBUTION AMANDA S. HERING (TIES ABDEL EL-SHARAawi EARLY INVESTIGATOR AWARD), BAYLOR UNIVERSITY, WACO TEXAS TOPIC: TBA

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					CHAIR: GEMMA VAN HALDERAN, UNITED NATIONS ECONOMIC COMMISSION FOR ASIA AND THE PACIFIC (UNESCAP)
23RD AUGUST 2019	8.50 AM - 10.00 AM	SIPS-1313	TINBERGEN PRIZE FOR YOUNG STATISTICIANS	HELEN MACGILLIVRAY, ISI PRESIDENT	JETREI BENEDICK REYES BENITO, UNIVERSITY OF THE PHILIPPINES DILIMAN, PHILIPPINES TOPIC: MODELING THE FINANCIAL MARKET INDICATORS WITH SEMIPARAMETRIC VOLATILITY MODEL WITH VARYING FREQUENCY EDVIRA MALLIEDJE FOKAM, TBA TOPIC: INTRA HOUSEHOLD RESOURCE ALLOCATION AND GENDER RELATION IN CÔTE D'IVOIRE: A WAY FOR FACING NON INCLUSIVE GROWTH SITUATION. CHAIR: ADA VANKRIMPEN, ISI DIRECTOR
23RD AUGUST 2019	8.50 AM - 10.00 AM	SIPS-1314	HOST COUNTRY MALAYSIA INVITED PAPER SESSION 2: ARTIFICIAL INTELLIGENCE IN ACTION	TBA	XIAO CHE, GRAB TOPIC: TBA BEN SADEGHI, MICROSOFT TOPIC: TBA WAN PENG NG, MALAYSIAN DIGITAL ECONOMY CORP TOPIC: TBA
23RD AUGUST 2019	8.50 AM - 10.00 AM	SIPS-351	JOURNAL OF DATA SCIENCE, STATISTICS, AND VISUALISATION SESSION	WING KAM FUNG, UNIVERSITY OF HONG KONG	HIDETOSHI SHIMODAIRA, KYOTO UNIVERSITY, JAPAN / RIKEN AIP, JAPAN TOPIC: MULTIVIEW GRAPH EMBEDDING AS A GENERALIZATION OF CANONICAL CORRELATION ANALYSIS DI COOK, MONASH UNIVERSITY, AUSTRALIA TOPIC: BUILDING PLOTS TO EXPLORE DATA: BEYOND HISTOGRAMS, BARCHARTS AND SCATTERPLOTS TO HIGH-DIMENSIONS AND STATISTICAL INFERENCE CHAIR: PATRICK J.F. GROENEN, ERASMUS UNIVERSITY ROTTERDAM, THE NETHERLANDS

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23RD AUGUST 2019	8.50 AM - 10.00 AM	SIPS-357	BERNOULLI SOCIETY JOURNAL LECTURE	MARK PODOLSKIJ, AARHUS UNIVERSITY	JONATHAN TAYLOR, UNIVERSITY OF STANFORD, USA TOPIC: A SELECTIVE SURVEY OF SELECTIVE INFERENCE CHAIR: MARK PODOLSKIJ, AARHUS UNIVERSITY, DENMARK
23RD AUGUST 2019	8.50 AM - 10.00 AM	SIPS-366	GOSSET LECTURE	NALINI RAVISHANKER, UNIVERSITY OF CONNECTICUT, USA	DAVID BANKS, DUKE UNIVERSITY, USA TOPIC: MACHINE LEARNING IN MODERN COMMERCE CHAIR: FABRIZIO RUGGERI, ITALIAN NATIONAL RESEARCH COUNCIL MILANO, ITALY
23RD AUGUST 2019	8.50 AM - 10.00 AM	SIPS-371	HIGHLIGHTS FROM THE JOURNAL STAT: THE ISI'S JOURNAL FOR THE RAPID DISSEMINATION OF STATISTICS RESEARCH	HELEN ZHANG, UNIVERSITY OF ARIZONA, USA	MARC GENTON, KAUST, SAUDI ARABIA TOPIC: FUNCTIONAL BOXPLOTS FOR MULTIVARIATE CURVES ABHIRUP DATTA, JOHN HOPKINS UNIVERSITY, USA TOPIC: BRISC: BOOTSTRAP FOR RAPID INFERENCE ON SPATIAL COVARIANCES CHAIR: HELEN ZHANG, UNIVERSITY OF ARIZONA, USA