

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
19TH AUGUST 2019	10.30 AM - 12.30 PM	STS-346	DETECTION AND HANDLING OF OUTLIERS IN BIG DATA	RAHMATULLAH IMON, BALL STATE UNIVERSITY, USA	<b>IMON RAHMATULLAH, BALL STATE UNIVERSITY, USA</b> TOPIC: IDENTIFICATION OF MULTIPLE UNUSUAL OBSERVATIONS IN SPATIAL REGRESSION
					<b>ABU SAYED MD. AL MAMUN, UNIVERSITY OF RAJSHAHI, BANGLADESH</b> TOPIC: IDENTIFICATION OF HIGH LEVERAGE POINTS IN LINEAR FUNCTIONAL RELATIONSHIP MODEL FOR BIG DATA
					<b>NOORA NIDHAL SALEH, UNIVERSITY OF AL-QADISIYAH</b> TOPIC: CLASSIFICATION OF BRITISH RAINFALL REGIONS BASED ON SPATIAL DISTANCES
					<b>YONG ZULINA ZUBAIRI, UNIVERSITY OF MALAYA</b> TOPIC: OUTLIER DETECTION METHOD IN CIRCULAR DATA
19TH AUGUST 2019	10.30 AM - 12.30 PM	STS-447	IMPORTANCE AND DEVELOPMENT OF MERCHANDISE TRADE INDICATORS	WAN SITI ZALEHA WAN ZAKARIA, DEPARTMENT OF STATISTICS, MALAYSIA	<b>VALDONE KASPERIUNIENE, EUROPEAN COMMISSION</b> TOPIC: DEVELOPMENT IN MERCHANDISE TRADE INDICATORS
					<b>MILA HERTINMALYANA BADAN PUSAT STATISTIK, INDONESIA</b> TOPIC: MIRROR ANALYSIS

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>RONALD JANSEN, UNITED NATIONS STATISTICS DIVISION (UNSD)</b>            TOPIC: TRADE IMBALANCES AND TRADE ASYMMETRIES: TWO SIDES OF A COMPLEX RELATION</p> <p><b>KOK ONN TING, ECONOMIC PLANNING UNIT, MALAYSIA</b>            TOPIC: THE RISE OF CHINA AND THE MALAYSIAN ELECTRONICS AND ELECTRICAL SECTOR (A BILATERAL TRADE VIEW)</p> <p><b>DONALD JAY BERTULFO, ECONOMIC PLANNING UNIT, MALAYSIA</b>            TOPIC: QUANTIFYING CHINA'S INVOLVEMENT AND PARTICIPATION IN GLOBAL VALUE CHAINS</p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	STS-479	LEVERAGING SOUTH-SOUTH COOPERATION IN THE MODERNIZATION OF OFFICIAL STATISTICS TOWARDS SUPPORTING THE PRODUCTION OF SDG INDICATORS	AHMAD MOHAMAD HUSSEIN, PLANNING AND STATISTICS AUTHORITY	<p><b>NEBIL DABUR, SESRIC</b>            TOPIC: PRIORITISATION OF SUSTAINABLE DEVELOPMENT GOALS AND EFFORTS OF SESRIC TO SUPPORT STATISTICAL MODERNISATION IN OIC MEMBER COUNTRIES</p> <p><b>OLA AWAD, PALESTINIAN CENTRAL BUREAU OF STATISTICS</b>            TOPIC: MODERNIZATION AND MONITORING SDGS IN AREA OF CONFLICTS OR IN FRAGILE CONDITIONS</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>BELKACEM ABDOUS, HIGH COMMISSION FOR PLANNING, MOROCCO</b></p> <p>TOPIC: MOROCCO'S EXPERIENCE IN SOUTH/SOUTH COOPERATION AND STATISTICAL CAPACITY BUILDING</p>
					<p><b>HEDI SAIDI, NATIONAL INSTITUTE OF STATISTICS OF TUNISIA</b></p> <p>TOPIC: MODERNIZATION OF THE TUNISIAN STATISTICAL SYSTEM AND ITS IMPACT ON STATISTICAL PRODUCTION FOR SDGS</p>
					<p>DISCUSSANT: <b>MOHD UZIR MAHIDIN, DEPARTMENT OF STATISTICS MALAYSIA</b></p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	STS-513	THE DEVELOPMENT OF SUSTAINABLE DEVELOPMENT GOALS (SDGS) INDICATOR SYSTEM: THE PHILIPPINE CASE	JOSEFINA VENEGAS ALMEDA, PHILIPPINE STATISTICAL RESEARCH AND TRAINING INSTITUTE	<p><b>BERNADETTE BALAMBAN, PHILIPPINE STATISTICS AUTHORITY</b></p> <p>TOPIC: THE INDICATOR SYSTEM FOR SUSTAINABLE DEVELOPMENT GOALS (SDGS) MONITORING IN THE PHILIPPINES: ITS CURRENT STATUS</p>
					<p><b>JESSA SARITA LOPEZ, UNIVERSITY OF THE PHILIPPINES</b></p> <p>TOPIC: EXPANDING THE PHILIPPINE INDICATOR SYSTEM FOR SUSTAINABLE DEVELOPMENT GOALS (SDGS) MONITORING THROUGH RESEARCH</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>SABRINA OCAMPO ROMASOC, PHILIPPINE STATISTICAL RESEARCH AND TRAINING INSTITUTE</b></p> <p>TOPIC: OPERATIONALIZATION AND INSTITUTIONALIZATION OF THE NEWLY DEVELOPED INDICATORS FOR MONITORING THE SUSTAINABLE DEVELOPMENT GOALS (SDGS): THE NEXT STEP</p>
					<p><b>MARIA PRAXEDES REYES PEÑA, PHILIPPINE STATISTICAL RESEARCH AND TRAINING INSTITUTE</b></p> <p>TOPIC: COLLABORATIVE ARRANGEMENTS IN PROMOTING THE SUSTAINABLE DEVELOPMENT GOALS (SDGS) AT THE LOCAL LEVEL</p>
					<p>DISCUSSANT: <b>ARTURO MARTINEZ, ASIAN DEVELOPMENT BANK</b></p>
					<p>DISCUSSANT: <b>WILMA GUILLEN, PHILIPPINE STATISTICS AUTHORITY</b></p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	STS-564	SPECIAL STS: INTEGRATING MICRO- AND MACRO-DATA FOR BETTER CREDIT ASSESSMENT	CHEE MAY YEE, BANK NEGARA MALAYSIA	<p><b>ROSNIZAM SAARI, BANK NEGARA MALAYSIA</b></p> <p>TOPIC: CCRIS AND ITS ROLE IN PROMOTING FINANCIAL STABILITY</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>ERIC ERIC CHIN, CTOS DATA SYSTEMS SDN BHD</b></p> <p>TOPIC: DEVELOPING A WORLD-CLASS CREDIT REPORTING INDUSTRY IN MALAYSIA: CHALLENGES AND THE WAY FORWARD</p>
					<p><b>VINCENT MOK, ALLIANCE BANK BERHAD</b></p> <p>TOPIC: CREDIT ASSESSMENT: FROM A CREDIT PROVIDER'S PERSPECTIVE</p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	STS-580	ADVANCES AND APPLICATIONS OF STATISTICAL PROCESS MONITORING	SOTIRIS BERSIMIS, UNIVERSITY OF PIRAEUS	<p><b>ROSS STEWART SPARKS, CSIRO, AUSTRALIA</b></p> <p>TOPIC: AN APPROACH TO MONITORING MULTIVARIATE TIME BETWEEN EVENTS</p>
					<p><b>ELISAVET NIKI, ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS, GREECE</b></p> <p>TOPIC: MONITORING PHARMACEUTICAL EXPENDITURES USING SPM TECHNIQUES</p>
					<p><b>INEZ MARIA ZWETSLOOT, CITY UNIVERSITY OF HONG KONG, HONG KONG</b></p> <p>TOPIC: CONTROLLING DATA QUALITY IN THE PRESENCE OF MISSING DATA USING MULTIVARIATE CONTROL CHARTS</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>ROB GOEDHART, UNIVERSITY OF AMSTERDAM, NETHERLANDS</b>            TOPIC: STATISTICAL CONTROL OF SHEWHART CONTROL CHARTS</p>
					<p><b>VASSILIS PLAGIANAKOS, UNIVERSITY OF THESSALY, GREECE</b>            TOPIC: METHODS FOR MONITORING HEALTH CARE SERVICES QUALITY</p>
					<p>DISCUSSANT: KWOK TSUI, CITY UNIVERSITY OF HONG KONG, HONG KONG</p>
19TH AUGUST 2019	2.00 PM - 3.40 PM	STS-422	INNOVATIVE APPROACHES IN MEASURING FINANCIAL INCLUSION	ZARINA ABD RAHMAN, BANK NEGARA MALAYSIA	<p><b>ZARINA ABD RAHMAN, BANK NEGARA MALAYSIA</b>            TOPIC: STATE OF FINANCIAL INCLUSION IN MALAYSIA</p>
					<p><b>DAMOLA OWOLADE, INSIGHT 2 IMPACT</b>            TOPIC: LINKING ADMINISTRATIVE AND SURVEY DATA TO MEASURE FINANCIAL INCLUSION</p>
					<p><b>ROBIN GRAVESTEIJIN, UNCDF</b>            TOPIC: USING BIG DATA TO ADVANCE WOMEN'S FINANCIAL INCLUSION: EXAMINING CUSTOMER JOURNEYS AT FINANCIAL INSTITUTIONS IN CAMBODIA</p>
					<p>DISCUSSANT: <b>LUIS TREVINO, AFI</b></p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
19TH AUGUST 2019	2.00 PM - 3.40 PM	STS-468	PROGRESS IN MEASURING INTERNATIONAL LABOUR MIGRATION: UPDATE ON CURRENT CONCEPTS, AND DERIVED STATISTICS IN SELECTED COUNTRIES	TITE HABIYAKARE, INTERNATIONAL LABOUR ORGANIZATION (ILO)	<b>HAKKI OZEL, INTERNATIONAL LABOUR ORGANIZATION</b> TOPIC: CURRENT INTERNATIONAL STANDARDS ON MEASURING LABOUR MIGRATION, FROM THE GUIDELINES BY THE 20TH INTERNATIONAL CONFERENCE OF LABOUR STATISTICIANS
					<b>BOUCHRA BOUZIANI, HIGH COMMISSION FOR PLANNING OF MOROCCO</b> TOPIC: INSIGHTS FOR SHARED MEASUREMENTS ON INTERNATIONAL LABOUR MIGRATION THROUGH THE LFSS OF MENA COUNTRIES
19TH AUGUST 2019	2.00 PM - 3.40 PM	STS-535	JOINT MODELING OF TIME-TO-EVENTS AND LONGITUDINAL MARKERS WITH RELEVANCE TO PERSONALIZED INTERVENTIONS	EDEL A PENA, UNIVERSITY OF SOUTH CAROLINA	<b>SOMNATH DATTA, UNIVERSITY OF FLORIDA</b> TOPIC: PERSONALIZED TREATMENT SELECTION FOR JOINT OPTIMIZATION OF SURVIVAL AND OTHER OUTCOMES
					<b>ANANDA SEN, UNIVERSITY OF MICHIGAN</b> TOPIC: A BAYESIAN JOINT MODEL UNDER COMPETING RISKS
					<b>SANJIB BASU, UNIVERSITY OF ILLINOIS AT CHICAGO</b> TOPIC: JOINT MODELING OF CORRELATED LONGITUDINAL MEASURES AND A TIME-TO-EVENT OUTCOME WITH LIMITED FAILURE

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>EDSEL ALDEA PENA, UNIVERSITY OF SOUTH CAROLINA</b></p> <p>TOPIC: JOINT MODELING OF COMPETING RECURRENT EVENTS, LONGITUDINAL MARKER, AND A TERMINAL EVENT</p>
19TH AUGUST 2019	2.00 PM - 3.40 PM	STS-543	MEASURING THE IMPACT OF POLICIES WITH CREDIT REGISTRY DATA	KAREN LEE, CENTRAL BANK OF MALAYSIA	<p><b>MUHAMMAD KHAIRUL MUIZZ ABD AZIZ, BANK NEGARA MALAYSIA</b></p> <p>TOPIC: EFFECTIVENESS OF POLICIES TO ADDRESS HOUSEHOLD INDEBTEDNESS: EVIDENCE FROM CREDIT REGISTRY DATA IN MALAYSIA</p>
					<p><b>LUIS TELES DIAS, BANK OF PORTUGAL</b></p> <p>TOPIC: THE NEW PORTUGUESE CENTRAL CREDIT REGISTER: A POWERFUL TOOL FOR A CENTRAL BANK</p>
					<p><b>VERONICA BATALLONES BAYANGOS, CENTRAL BANK OF THE PHILIPPINES</b></p> <p>TOPIC: HAVE DOMESTIC PRUDENTIAL POLICIES BEEN EFFICIENT: PRELIMINARY INSIGHTS FROM BANKLEVEL PROPERTY LOAN DATA IN THE PHILIPPINES</p>
					<p>DISCUSSANT: <b>JEANMARC ISRAEL, EUROPEAN CENTRAL BANK</b></p>



**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
19TH AUGUST 2019	2.00 PM - 3.40 PM	STS-558	DEVELOPMENT OF END-TO-END INTEGRATED SOLUTION FOR STATISTICAL REPORTING: OPPORTUNITIES AND CHALLENGES	ALEX CHIN THIAM KHOR, OCEAN BRIDGE SDN BHD	<b>ALEX CHIN THIAM KHOR, OCEAN BRIDGE SDN BHD</b> TOPIC: THE INTEGRATED DATA SUBMISSION/COLLECTION PLATFORM FOR REGULATOR AND STATISTICAL COMMUNITY
					<b>CHIN KUAN LOW, INFOSCAPE SDN BHD</b> TOPIC: DATA ANALYTICS PLATFORM FOR BOTH XBRL & NON XBRL CONTENT
					<b>SACHVINDER SINGH, HANDSHAKES TECHNOLOGY (M) SDN BHD</b> TOPIC: HANDSHAKES CORPORATE INTELLEGENGE PLATFORM
					<b>DANIEL BROMLEY, COREFILING LIMITED</b> TOPIC: HANDSHAKES CORPORATE INTELLEGENGE PLATFORM
					<b>PHILIP ALLEN, COREFILING LIMITED</b> TOPIC: TBU
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-384	IMPROVING STATISTICAL LITERACY IN A DIGITAL AGE: CHALLENGES FOR DEVELOPING COUNTRIES	STEVE MACFEELY, UNITED NATION CONFERENCE FOR TRADE AND DEVELOPMENT	<b>TERESITA EVELINA TERÁN, FACULTY OF VETERINARY SCIENCES, UNIVERSIDAD NACIONAL DE ROSARIO-ARGENTINA</b> TOPIC: STATISTICAL LITERACY IN THE DIGITAL AGE IN ARGENTINA
					<b>PALI JOBO LEHOHLA, UNIVERSITY OF JOHANNESBURG</b> TOPIC: THE ELEPHANT IN THE CLOUD

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<b>HAISHAN FU, WORLD BANK</b> TOPIC: TBU
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-420	LEVERAGING ON DATA TO IMPROVE PAYMENT PRODUCTS AND SERVICES	JAYSON POON, BANK NEGARA MALAYSIA	<b>KLYMENT WONG, WECHAT PAY MALAYSIA SDN. BHD.</b> TOPIC: AGE OF PERSON CREDIT SCORE <b>ADRIAN BURTON, ADA (ANALYTICS, DATA, ADVERTISING), AXIATA DIGITAL SERVICES</b> TOPIC: LEVERAGING ON DATA & ANALYTICS TO IMPROVE THE ADOPTION OF E-WALLET AND FINANCIAL SERVICES
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-423	MODERNISATION OF AGRICULTURAL STATISTICS	JOHAN SELENIUS, EUROSTAT	<b>YLVA ANDRIST RANGEL, STATISTICS SWEDEN</b> TOPIC: NEW TOOLS FOR DATA COLLECTION IN SWEDISH SURVEYS ON USE OF FERTILISERS AND ANIMAL MANURE AND CULTIVATION MEASURES IN AGRICULTURE <b>CHRISTINE WIRTZ, EUROSTAT</b> TOPIC: THE ROLE OF EUROSTAT IN MODERNIZING AGRICULTURAL STATISTICS <b>FRANCESCO TUBIELLO, FAO</b> TOPIC: REMOTE SENSING AND GEOSPATIAL TECHNOLOGY IN MEASURING AND MONITORING OF AGRO-ENVIRONMENTAL INDICATORS FOR SUSTAINABLE AGRICULTURE

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>HUBERT HAMER, NATIONAL AGRICULTURAL STATISTICS SERVICE, USA</b></p> <p>TOPIC: GEOSPATIAL TOOLS FOR ACREAGE ESTIMATION AND DISASTER ASSESSMENT</p>
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-442	CREATING COMPREHENSIVE DATA WORLDS THROUGH FORMAL STANDARDISATION AND SEMANTIC HARMONIZATION	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	<p><b>BORIS HOFMANN, BANK FOR INTERNATIONAL SETTLEMENTS</b></p> <p>TOPIC: TBU</p>
					<p><b>PATRICIA M STAAB, DEUTSCHE BUNDESBANK</b></p> <p>TOPIC: MEASURING THE DATA UNIVERSE: THE CHALLENGES OF DATA INTEGRATION IN A TIME OF EXPLODING DATA WORLDS, SUCCESSFUL APPROACHES USING STATISTICAL STANDARDS, BUNDESBANK'S EXPERIENCE</p>
					<p><b>EKATERINA PROKUNINA, CENTRAL BANK OF THE RUSSIAN FEDERATION</b></p> <p>TOPIC: CREATING INTEGRATED DATA WORLD WITHIN THE BANK OF RUSSIA</p>
					<p><b>ALIDA MARIA DE BEER, SOUTH AFRICAN RESERVE BANK</b></p> <p>TOPIC: BUILDING A STANDARDIZED TAXONOMY BETWEEN FINANCIAL REPORTING AND MACROECONOMIC STATISTICS – A SOUTH AFRICAN PERSPECTIVE</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<b>ARJAN BOS, NETHERLANDS BANK</b> TOPIC: HEADING FOR HARMONIZATION OF DATA COLLECTION
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-461	NORDIC EXPERIENCES IN COORDINATION OF GLOBAL SDG INDICATOR COMPILATION AND ESTABLISHING DATABASE REPORTING PLATFORMS	JUKKA HOFFRÉN, STATISTICS FINLAND	<b>JUKKA HOFFRÉN, STATISTICS FINLAND</b> TOPIC: THE DEVELOPMENT OF NATIONAL REPORTING PLATFORM FOR GLOBAL SDG INDICATORS IN FINLAND
					<b>MACIEJ TRUSZCZYNSKI, STATISTICS DENMARK</b> TOPIC: COLLABORATION ON SDG-DATA BETWEEN NATIONAL STAKEHOLDER GROUPS
					<b>KARIN HANSSON, STATISTIC SWEDEN</b> TOPIC: COORDINATED COMMUNICATION FOR BETTER FOLLOW-UP OF THE 2030 AGENDA IN SWEDEN
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-462	YOUTH EMPOWERMENT FOR SUSTAINABLE URBAN DEVELOPMENT	MARKANDEY RAI, UN-HABITAT	<b>GUENTER OTTO KARL, UN-HABITAT</b> TOPIC: YOUTH EMPLOYMENT AND EMPOWERMENT
					<b>NOOR MD. LARIK, STATISTICAL OFFICE ISLAMABAD, PAKISTAN</b> TOPIC: STATISTICS FOR HELPING THE YOUTH IN BIG CITIES IN PAKISTAN WITH GENDER DIMENTION

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>ARUN KUMAR SINHA, CENTRAL UNIVERSITY BIHAR, PATNA, INDIA</b></p> <p>TOPIC: YOUTH EMPOWERMENT AND SUSTAINABLE URBAN DEVELOPMENT</p> <p>DISCUSSANT: <b>GORA MBUP, GORA</b></p>
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-498	BALANCING ACCURACY AND INTERPRETABILITY OF MACHINE LEARNING MODELS	TSUNG FEI KHANG, UNIVERSITY OF MALAYA	<p><b>WEI-YIN LOH, UNIVERSITY OF WISCONSIN-MADISON</b></p> <p>TOPIC: THE GUIDE APPROACH</p> <p><b>CHEE SENG CHAN, UNIVERSITY OF MALAYA</b></p> <p>TOPIC: DEEP LEARNING — THE CONCEPTS AND TECHNOLOGY THAT ALLOW COMPUTERS TO SEE AND LEARN</p> <p>DISCUSSANT: <b>FOO HOONG LEONG, PERSISTENT SYSTEMS MALAYSIA SDN. BHD.</b></p> <p>DISCUSSANT: <b>SENG HUAT ONG, UNIVERSITY OF MALAYA</b></p>
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-505	PRACTICAL APPLICATIONS OF ROBUST METHODS FOR MODELLING AND ANALYZING ENVIRONMENTAL- RELATED DATA HAVING OUTLIERS	HABSHAH MIDI, UNIVERSITI PUTRA MALAYSIA	<p><b>HABSHAH MIDI, UNIVERSITI PUTRA MALAYSIA</b></p> <p>TOPIC: ANALYSING AIR QUALITY DATA AT DIFFERENT LOCATIONS IN MALAYSIA USING ROBUST TECHNIQUES</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>MAZNI MOHAMAD, UNIVERSITY TECHNOLOGY MARA</b></p> <p>TOPIC: AN APPLICATION OF PARTIAL ROBUST-M REGRESSION (PRM) BASED METHODS IN PREDICTING SURFACE OZONE (O<sub>3</sub>) CONCENTRATION LEVELS</p>
					<p><b>SYAIBA BALQISH ARIFFIN, UNIVERSITY PUTRA MALAYSIA</b></p> <p>TOPIC: AN IMPROVISATION OF WEIGHTED BIANCO AND YOHAI ESTIMATOR FOR ANALYZING ENVIRONMENTAL DATA HAVING HIGH LEVERAGE INFLUENTIAL OBSERVATIONS</p>
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-517	CLASSICAL AND NONCLASSICAL INFINITE DIVISIBILITY, THEIR ANALYSIS AND APPLICATIONS: PART 1	VICTOR PEREZ ABREU, CENTER FOR RESEARCH IN MATHEMATICS	<p><b>ANDREAS BASSE-O'CONNOR, AARHUS UNIVERSITY, DENMARK</b></p> <p>TOPIC: FUNCTIONAL APPROXIMATION OF INFINITELY DIVISIBLE PROCESSES WITH APPLICATIONS</p>
					<p><b>GENNDADY SAMORODNITSKY, CORNELL UNIVERSITY, USA</b></p> <p>TOPIC: EXTREMA OF LONG RANGE DEPENDENT INFINITELY DIVISIBLE RANDOM FIELDS</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>JAN ROSINSKI, UNIVERSITY OF TENNESSEE KNOXVILLE, USA</b></p> <p>TOPIC: INFINITELY DIVISIBLE PROCESSES THEIR RANDOM TRANSLATIONS</p>
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-555	RECENT NON-PARAMETRIC APPROACHES : APPLICATIONS TO ENVIRONNEMENTALES, HYDROLOGICAL, OCEANOLOGICAL AND ECONOMIC DATA ANALYSES	SOPHIE DABO-NIANG, UNIVERSITY OF LILLE, INRIA-MODAL	<p><b>SOPHIE DABONIANG, UNIVERSITY OF LILLE, FRANCE</b></p> <p>TOPIC: GENERALIZED PARTIALLY LINEAR SPATIAL PROBIT MODELS AND APPLICATIONS</p>
					<p><b>NOUREDDINE RHOMARI, UNIVERSITY MOHAMED 1ER, OUJDA, MOROCCO</b></p> <p>TOPIC: ON NONPARAMETRIC ESTIMATION OF RELATIVE RISK FUNCTION</p>
					<p><b>PATRICE BERTAIL, UNIVERSITY OF NANTERRE, FRANCE</b></p> <p>TOPIC: ROBUST ESTIMATORS FOR SOME PIECEWISEDETERMINISTIC MARKOV PROCESSES</p>
					<p><b>RONALD VAN NOOYEN, DELFT UNIVERSITY OF TECHNOLOGY</b></p> <p>TOPIC: HOW HARD IS IT TO DETECT ABRUPT CHANGES IN THE STATISTICS OF TIME SERIES?</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-560	ADVANCING TO THE NEXT STAGE OF TALENT ANALYTICS USING PSYCHOMETRIC ASSESSMENTS	MAZLINA MUHAMAD, BANK NEGARA MALAYSIA	<b>RAINER KURZ, CUBIKS GROUP LIMITED (UK)</b>  TOPIC: CROSS-VALIDATION OF A POTENTIAL MODEL AND DEVELOPMENT OF A PEOPLE ANALYTICS ASSESSMENT SOLUTION
					<b>KOK MUN YEE, GLOBAL PSYTECH SDN. BHD.</b>  TOPIC: EXPLORATORY STUDY OF KEY TRAITS FOR THE FOURTH INDUSTRIAL REVOLUTION AMONG EMPLOYEES OF FINANCIAL INSTITUTIONS IN MALAYSIA
					<b>JAMES HOURAN, AETHOS CONSULTING GROUP (USA)</b>  TOPIC: USING COVERT RESPONSE BIASES IN PSYCHOMETRIC ASSESSMENTS FOR IMPROVED JOB CANDIDATE INTERVIEWS: AN EXAMPLE WITH HOSPITALITY ROLES
					DISCUSSANT: <b>RENSE LANGE, GLOBAL PSYCHTECH (MALAYSIA)</b>
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-567	EFFECTIVE COMMUNICATION: WHAT EVERY YOUNG STATISTICIAN SHOULD KNOW	HOWLADER TAMANNA, UNIVERSITY OF DHAKA	<b>LOUISE M RYAN, UNIVERSITY OF TECHNOLOGY SYDNEY</b>  TOPIC: THE ART OF COMMUNICATION - KNOW THINE AUDIENCE!



**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>JOHN BAILER, MIAMI UNIVERSITY</b> TOPIC: WORKING WITH JOURNALISTS TO DISCUSS AND REPORT STATISTICAL WORK</p> <p><b>EMI TANAKA, THE UNIVERSITY OF SYDNEY</b> TOPIC: WHAT CAN SOCIAL MEDIA DO FOR ACADEMIC AND PROFESSIONAL STATISTICIANS?</p>
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-577	RECENT ADVANCES IN STATISTICS AND COMPUTATION	NOR AISHAH HAMZAH, UNIVERSITY OF MALAYA	<p><b>MAHDI ROOZBEH, SEMNAN UNIVERSITY, IRAN</b> TOPIC: OPTIMAL SECURITY SELECTION UNDER REGULATORY CONSTRAINTS</p> <p><b>NOOR AKMA IBRAHIM, UNIVERSITI PUTRA MALAYSIA</b> TOPIC: JOINT MODELLING OF LONGITUDINAL 3MS SCORES AND SURVIVAL FOR COGNITIVELY IMPAIRED INDIVIDUAL</p> <p><b>MD. SABIRUZZAMAN, DEPARTMENT OF STATISTICS, UNIVERSITY OF RAJSHAHI</b> TOPIC: A LIGHT STOCHASTIC ASSET LIABILITY MANAGEMENT (ALM) FOR STRATEGIC ASSET ALLOCATION (SAA)</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<b>K.M SAKTHIVEL, BHARATHIAR UNIVERSITY</b>  TOPIC: A ROLE OF STATISTICAL MODELS IN THE ERA OF ARTIFICIAL INTELLIGENCE
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-578	ADVANCES IN STATISTICS AND MACHINE LEARNING FOR FINANCE	BRUNO DUPIRE, BLOOMBERG L.P.	<b>BRUNO DUPIRE, BLOOMBERG L.P.</b> TOPIC: MACHINE LEARNING FOR FINANCE
					<b>ARUN VERMA, BLOOMBERG L.P.</b> TOPIC: QUANTAMENTAL MODELS FOR INVESTING
					<b>AAKRITI MITTAL, BLOOMBERG L.P.</b> TOPIC: CORRELATIONS IN ASYNCHRONOUS MARKETS
					DISCUSSANT: <b>ALEXANDRE ALESİ, BLOOMBERG L.P.</b>
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-592	RECENT ISSUES IN ACTUARY AND ECONOMICS	MOHD AZMI HARON, UNIVERSITY OF MALAYA	<b>MOHD AZMI HARON, UNIVERSITY OF MALAYA</b>  TOPIC: INSOLVENCY RISK MODELS AND CAPITAL ADEQUACY RULES FOR BANKING SYSTEM
					<b>AISHANUDDIN A.J, UNIVERSITI TEKNOLOGI MARA</b>  TOPIC: MEASUREMENT AND MODELING OF MORAL HAZARD ON EQUITY CONTRACTS IN INVESTMENT FINANCING

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>MICHEAL YAP HECK WEI, MAYBANK MALAYSIA</b></p> <p>TOPIC: ON THE GROWTH AND COMPETITIVE EFFECTS OF CONSTANT MARKET SHARE ANALYSIS</p>
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-633	STATISTICAL METHODS FOR VARIABLE-GROUP SELECTION IN HIGH DIMENSIONAL REGRESSION	ANANG KURNIA, BOGOR AGRICULTURAL UNIVERSITY, INDONESIA	<p><b>BAGUS SARTONO, BOGOR AGRICULTURAL UNIVERSITY, INDONESIA</b></p> <p>TOPIC: ACTIVE EFFECTS SELECTION WITH CONSIDERING HEREDITY PRINCIPLE IN MULTIFACTOR EXPERIMENT DATA ANALYSIS</p>
					<p><b>ARIEF GUSNANTO, UNIVERSITY OF LEEDS</b></p> <p>TOPIC: SPARSESMOOTHED METHOD FOR VARIABLE SELECTION IN HIGHDIMENSIONAL DATA ANALYSIS</p>
					<p><b>AGUS SALIM, LA TROBE UNIVERSITY &amp; BAKER INSTITUTE FOR HEART AND DIABETES, AUSTRALIA</b></p> <p>TOPIC: POWERFUL DIFFERENTIAL EXPRESSION ANALYSIS INCORPORATING NETWORK TOPOLOGY FOR NEXTGENERATION SEQUENCING DATA</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
20TH AUGUST 2019	10.30 AM - 12.30 PM	STS-433	STATISTICAL MODELS FOR EVALUATING ENVIRONMENTAL POLLUTION IN NIGERIA	OLALEKAN KAZEEM OBISESAN, UNIVERSITY OF IBADAN	<b>OLALEKAN KAZEEM OBISESAN, UNIVERSITY OF IBADAN</b> TOPIC: EXTREME VALUE MODELLING WITH RAINFALL DISTRIBUTION
					<b>JOHNSON FUNMINIYI OJO, UNIVERSITY OF IBADAN</b> TOPIC: MODELLING VEHICULAR EMISSION IN NIGERIA
					<b>OLAWALE BASHEER AKANBI, UNIVERSITY OF IBADAN</b> TOPIC: MODELLING PREVALENCE OF ENVIRONMENTAL HEALTH DISEASE AMONG UNDERGRADUATE STUDENTS OF THE UNIVERSITY OF IBADAN, NIGERIA: A ML APPROACH
					<b>EBUN ADEGBOLA DOSUMU, UNIVERSITY OF IBADAN</b> TOPIC: CHANGEPOINT ANALYSIS OF RAINFALL AMOUNT ACROSS CLIMATIC ZONES IN NIGERIA
					<b>OLUWASEUN AYOBAMI ADESINA, THE POLYTHECNIC, IBADAN</b> TOPIC: MULTIVARIATE MODELLING OF WATER QUALITY PARAMETERS IN NIGERIA

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
20TH AUGUST 2019	10.30 AM - 12.30 PM	STS-459	STATISTICAL METHODS AND APPLICATIONS	BEE WAH YAP, UNIVERSITI TEKNOLOGI MARA, MALAYSIA	<b>XINYING CHEW, UNIVERSITI SAINS MALAYSIA</b> TOPIC: ADAPTIVE CONTROL CHART WITH RUN RULES FOR MULTIVARIATE COEFFICIENT OF VARIATION INTEGRATING ADVANCED DATA VISUALIZATION PLATFORM FOR SUSTAINABLE MANUFACTURING
					<b>CHEW PENG GAN, SUNWAY UNIVERSITY, MALAYSIA</b> TOPIC: THE EFFECTS OF MACROECONOMIC VARIABLES ON FUTURE CREDIT RATINGS
					<b>WAN FAIROS WAN YAACOB, UNIVERSITI TEKNOLOGI MARA, KAMPUS KELANTAN, MALAYSIA</b> TOPIC: STATISTICAL MODEL AND ITS EXTENSION FOR COUNT DATA
					<b>NORSHAHIDA SHAADAN, UNIVERSITI TEKNOLOGI MARA, MALAYSIA</b> TOPIC: THE EFFECTS DETERMINING THE BEST PROBABILITY DISTRIBUTION MODEL FOR PREDICTING OZONE (O <sub>3</sub> ) EXCEEDANCES AT SEVERAL AIR QUALITY MONITORING SITES IN MALAYSIA
					DISCUSSANT: <b>NURULKAMAK MASSERAN, UNIVERSITI KEBANGSAAN MALAYSIA</b>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
20TH AUGUST 2019	10.30 AM - 12.30 PM	STS-506	BAYESIAN MODELLING OF PUBLIC HEALTH DATA IN THE PRESENCE OF SPATIAL OR TEMPORAL DEPENDENCE	MARTA BLANGIARDO, IMPERIAL COLLEGE	<b>LETICIA L. RAMIREZ RAMIREZ, CIMAT, GUANAJUATO, MEXICO</b>  TOPIC: ON THE USE OF SURROGATE MODELS TO SPEED THE ABC INFERENCE FOR EPIDEMIC MODELS IN NETWORKS.
					<b>MONICA PIRANI, IMPERIAL COLLEGE LONDON, UK</b>  TOPIC: ASSESSING THE ACUTE HEALTH EFFECTS OF APPORTIONED POLLUTANT MIXTURES
					<b>GARYFALLOS KONSTANTINOUDIS, UNIVERSITY OF BERN, INSTITUTE OF SOCIAL AND PREVENTIVE MEDICINE, SWITZERLAND</b>  TOPIC: DISCRETE VERSUS CONTINUOUS DOMAIN MODELS FOR DISEASE MAPPING AND APPLICATIONS ON CHILDHOOD CANCERS
					<b>PATRICK BROWN, UNIVERSITY OF TORONTO</b>  TOPIC: AIR QUALITY, MORTALITY, AND THE INDIAN MILLION DEATHS STUDY
					DISCUSSANT: <b>GIANLUCA BAILO, UNIVERSITY COLLEGE LONDON</b>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
20TH AUGUST 2019	10.30 AM - 12.30 PM	STS-550	NOWCASTING AND FORECASTING OF MACROECONOMIC VARIABLES: MODEL AVERAGING AND SIMILAR TECHNIQUES	KYLE HOOD, U.S. BUREAU OF ECONOMIC ANALYSIS	<b>DANILO LEIVA-LEON, BANK OF SPAIN</b> TOPIC: MARKOV-SWITCHING THREE-PASS REGRESSION FILTER
					<b>KATHERINE TUCK, TREASURY DEPARTMENT</b> TOPIC: FORECASTING HOUSEHOLD CONSUMPTION COMPONENTS: A FORECAST COMBINATION APPROACH
					<b>PAOLO FORNARO, THE RESEARCH INSTITUTE OF THE FINNISH ECONOMY</b> TOPIC: NOWCASTING FINNISH REAL ECONOMIC ACTIVITY: A MACHINE LEARNING APPROACH
					<b>MATTEO MOGLIANI, BANK OF FRANCE</b> TOPIC: BAYESIAN MIDAS PENALIZED REGRESSIONS: ESTIMATION, SELECTION, AND PREDICTION
					<b>KYLE HOOD, U.S. BUREAU OF ECONOMIC ANALYSIS</b> TOPIC: COMBINATION NOWCASTS OF ADVANCE ESTIMATES OF PRIVATE CONSUMPTION OF SERVICES IN THE U.S. NATIONAL ACCOUNTS

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
20TH AUGUST 2019	10.30 AM - 12.30 PM	STS-563	PRODUCING POPULATION ESTIMATES FROM ADMINISTRATIVE DATA SOURCES – HOW TO DEAL WITH UNDER- AND OVER-COVERAGE ERROR.	TRACEY SAVAGE, STATS NZ	<b>PIERO DEMETRIO FALORSI, ISTAT</b> TOPIC: POPULATION COVERAGE SURVEY SAMPLING IN THE NEW ITALIAN REGISTER BASED CENSUS
					<b>PETER JONES, OFFICE FOR NATIONAL STATISTICS</b> TOPIC: DEVELOPING AN INTEGRATED SURVEY FOR ADMIN BASED POPULATION ESTIMATES AND LABOUR MARKET STATISTICS
					<b>SHAODAN (ANNA) LIN, STATS NZ</b> TOPIC: RECENT PROGRESS ON IMPLEMENTING A BAYESIAN APPROACH TO POPULATION ESTIMATION FROM AN ADMINISTRATIVE LIST SUBJECT TO UNDER AND OVER-COVERAGE
					<b>DAVIDE DI CECCO, ISTAT</b> TOPIC: POPULATION SIZE ESTIMATION FROM INCOMPLETE MULTISOURCE LISTS: A BAYESIAN PERSPECTIVE ON LATENT CLASS MODELLING
					<b>DISCUSSANT: LI-CHUN ZHANG, UNIVERSITY OF SOUTHAMPTON AND STATISTICS NORWAY</b>



**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
20TH AUGUST 2019	10.30 AM - 12.30 PM	STS-1080	SPECIAL STS: DATA SCIENCE AND HEALTHCARE INFORMATICS FOR THE DEVELOPING COUNTRIES SPECIAL SESSION	MOHSEN FARID, UNIVERSITY OF DERBY, UK	<b>FIONN MURTAGH, UNIVERSITY OF HUDDERS FIELD, UK</b>  TOPIC: DATA SCIENCE AND THE BIG DATA FRAMEWORK FOR DEVELOPMENT AND TO BENEFIT FROM DISRUPTIVE TECHNOLOGY ADVANCES
					<b>MOHSEN FARID, UNIVERSITY OF DERBY, UK</b>  TOPIC: HOW CAN BIG DATA ANALYTICS PREDICT PSYCHIATRIC MORBIDITY OF CANCER PATIENTS?
					<b>ASMA ADNANE, UNIVERSITY OF LOUGHBOROUGH, UK</b>  TOPIC: IS BLOCKCHAIN SUITABLE FOR ELECTRONIC HEALTHCARE RECORDS AND DATA ANALYTICS?
					<b>KARINA GIBERT, BEA SEVILLA-VILLANUEVA, MIQUEL SÀNCHEZ-MARRÈ</b>  TOPIC: DIET4YOU: A PERSONAL INTELLIGENT ASSISTANT FOR DIETS INTEGRATING DATA SCIENCE
					<b>MARCELLO TROVATI, EDGE HILL UNIVERSITY, UK</b>  TOPIC: PREDICTION OF A&E ATTENDANCE BASED ON REAL-TIME SOCIAL MEDIA FEEDS

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<b>PASSANT EL-KAFRAWY, FACULTY OF SCIENCE, MENOFIA UNIVERSITY, EGYPT</b>  TOPIC: A SURVEY OF MACHINE LEARNING ALGORITHMS FOR EFFICIENT BIOMARKERS IDENTIFICATION FROM ERYTHROCYTES DYNAMIC ANTIGENS STORE
20TH AUGUST 2019	2.00 PM - 3.40 PM	STS-416	THE GROWING OF ISLAMIC FINANCE AND INCREASING GLOBAL DEMAND: HOW TO MEASURE	FARIZA KAMBUT, DOSM	<b>SUSWANDI, BADAN PUSAT STATISTIK, INDONESIA (BPS)</b> TOPIC: TBU
					<b>RAGHEED IMAN MOGHRABI, RAFIK HARIRI UNIVERSITY, LEBANON</b> TOPIC: TBU
					DISCUSSANT 1: <b>MOHAMMAD SALIM AL MAMUN, ISLAMIC FINANCIAL SERVICES BOARD (IFSB)</b>
					DISCUSSANT 2: <b>OMAR HAKOUZ, UNITED NATIONS ECONOMIC &amp; SOCIAL COMMISSION FOR WESTERN ASIA (UNESCWA)</b>
20TH AUGUST 2019	2.00 PM - 3.40 PM	STS-425	RECENT ADVANCES IN STOCHASTIC MODELLING WITH APPLICATION IN BUSINESS AND INDUSTRY	ARIFAH BAHAR, UNIVERSITI TEKNOLOGI MALAYSIA	<b>ARIFAH BAHAR, UNIVERSITI TEKNOLOGI MALAYSIA</b>  TOPIC: MODELING LONG MEMORY STOCHASTIC VOLATILITY OF CRUDE PALM OIL PRICE

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>NURIRIAWAN NURIRIAWAN, INSTITUT TEKNOLOGI SEPULUH NOPEMBER, SURABAYA, INDONESIA</b></p> <p>TOPIC: ON MONITORING STOCK PRICE MOVEMENTS USING MARKOV SWITCHING MODEL</p>
					<p><b>ZAITUL MARLIZAWATI ZAINUDDIN, UTM-CENTRE FOR INDUSTRIAL AND APPLIED MATHEMATICS, UNIVERSITI TEKNOLOGI MALAYSIA</b></p> <p>TOPIC: TWO-STAGE STOCHASTIC PROGRAMMING APPROACH FOR OIL REFINERY PRODUCTION PLANNING</p>
					<p>DISCUSSANT: <b>NORHAIZA AHMAD, UNIVERSITI TEKNOLOGI MALAYSIA</b></p>
20TH AUGUST 2019	2.00 PM - 3.40 PM	STS-463	MATERIALIZING LABOUR ACCOUNT: WAYS AND CHALLENGES	NUR LAYALI MOHD ALI KHAN, DEPARTMENT OF STATISTICS	<p><b>SITI ASIAH AHMAD, MALAYSIAN BUREAU OF LABOUR STATISTICS, DOSM</b></p> <p>TOPIC: THE NEED TO DEVELOP LABOUR ACCOUNT IN MALAYSIA: AN ASSESSMENT</p>
					<p><b>FARHAD MEHRAN, INDEPENDENT CONSULTANT</b></p> <p>TOPIC: THE DEVELOPMENT OF LABOUR ACCOUNTS IN IRAN: COMPARISON WITH AUSTRALIA AND DENMARK</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>NORALIZA MOHAMAD ALI, MANPOWER &amp; SOCIAL STATISTICS DIVISION, DOSM</b>            TOPIC: TBU</p> <p>DISCUSSANT: <b>TITE HABİYAKARE, INTERNATIONAL LABOUR ORGANISATION</b></p>
20TH AUGUST 2019	2.00 PM - 3.40 PM	STS-474	SPATIAL AND SPATIO-TEMPORAL ANALYSIS IN SOCIAL SCIENCE	YASUMASA MATSUUDA, TOHOKU UNIVERSITY	<p><b>HIDEATSU TSUKAHARA, SEIJO UNIVERSITY</b>            TOPIC: A COPULA APPROACH TO SPATIAL ECONOMETRICS WITH APPLICATIONS TO FINANCE</p> <p><b>YOSHIHIRO YAJIMA, TOHOKU UNIVERSITY</b>            TOPIC: ON GAUSSIAN SEMIPARAMETRIC ESTIMATORS FOR TWO-DIMENSIONAL INTRINSIC STATIONARY RANDOM FIELDS</p> <p><b>TAKAKI SATO, TOHOKU UNIVERSITY</b>            TOPIC: SPATIAL EXTENSION OF GARCH MODELS FOR HIGH DIMENSIONAL FINANCIAL TIME SERIES</p> <p><b>GIGIH FITRIANTO, HIROSHIMA UNIVERSITY OF ECONOMICS</b>            TOPIC: ANALYSIS OF REGIONAL ECONOMIC GROWTH AGAINST CRISIS: US-JAPAN STATISTICAL COMPARATIVE STUDY BEFORE-AFTER LEHMAN'S SHOCK</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
20TH AUGUST 2019	2.00 PM - 3.40 PM	STS-496	SAFEGUARDING THE PROFESSIONAL INDEPENDENCE OF STATISTICIANS; THE INTERNATIONAL EXPERIENCE	EVELIO O, FABBRONI, INTER-AMERICAN STATISTICAL INSTITUTE (IASI)	<b>MARIO PALMA, INSTITUTO NACIONAL DE ESTADÍSTICA Y GEOGRAFÍA (INEGI), MEXICO CITY, MEXICO</b>  TOPIC: INEGI'S STATISTICAL AUTONOMY: INSTITUTIONAL GOVERNANCE AND SOME EVER-PRESENT RISKS
					<b>ROELAND BEERTEN, FLEMISH STATISTICAL AUTHORITY, BRUSSELS, BELGIUM</b>  TOPIC: THE REQUIREMENTS FOR A WELL-FUNCTIONING STATISTICAL SYSTEM IN A MODERN DEMOCRATIC SOCIETY
					<b>ALPHONSE L. MACDONALD, GENERAL BUREAU OF STATISTICS (ABS), PARAMARIBO. SURINAME</b>  TOPIC: STATISTICIANS MISBEHAVING: THE ETHICAL DIMENSIONS OF AN ESSENTIAL PROFESSION
					<b>PILAR MARTIN-GUZMAN, UNIVERSIDAD AUTÓNOMA DE MADRID, MADRID, SPAIN</b>  TOPIC: SAFEGUARDS FOR THE PROFESSIONAL INDEPENDENCE OF STATISTICIANS IN EUROPE

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
20TH AUGUST 2019	2.00 PM - 3.40 PM	STS-571	DEVELOPING MOBILE POSITIONING DATA FOR OFFICIAL STATISTICS: EXPERIENCES FROM EUROPE AND ASIA	TITI KANTI LESTARI, BPS STATISTICS INDONESIA	<b>JAANUS KROON, EESTI PANK</b>  TOPIC: MOBILE PHONE AND CREDIT CARD DATA: EXPERIENCE FROM 10 YEARS OF PUBLIC PRIVATE PARTNERSHIP
					<b>SARPONO DIMULJO, BPS STATISTICS INDONESIA</b>  TOPIC: COMBINING MOBILE PHONE DATA AND SURVEY DATA FOR THE BEST RESULT: EXPERIENCE FROM INDONESIA
					<b>OSSI NURMI, STATISTICS FINLAND</b>  TOPIC: THE USE OF MOBILE PHONE DATA
					DISCUSSANT: <b>ERKI SALUVEER, POSITIUM LBS</b>
20TH AUGUST 2019	2.00 PM - 3.40 PM	STS-582	STATISTICAL ANALYSIS OF COMPLEX DATA IN STATISTICAL GENETICS AND BIOINFORMATICS	SHILI LIN, OHIO STATE UNIVERSITY	<b>SHILI LIN, OHIO STATE UNIVERSITY</b>  TOPIC: DETECTING DIFFERENTIALLY METHYLATED REGIONS ACCOUNTING FOR CELL PURITY USING BAYESIAN CREDIBLE BANDS
					<b>MIJEONG KIM, EWHA WOMANS UNIVERSITY</b>  TOPIC: STATISTICAL METHODS FOR IDENTIFYING NOVEL PROMOTERS

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>MARIZA DE ANDRADE, MAYO CLINIC</b> MENDELIAN RANDOMIZATION, CAUSAL TOPIC: RELATIONSHIP, AND STATISTICAL APPROACHES</p> <p><b>JULIA PAVAN SOLER, UNIVERSITY OF SAO PAULO</b> TOPIC: PROTEOGENOMICS: STATISTICAL ISSUES IN DATA INTEGRATION AND PREDICTION</p>
20TH AUGUST 2019	2.00 PM - 3.40 PM	STS-2320	MOVING FROM TRADITIONAL DATA TO BIG DATA IN ASSESSING KNOWLEDGE SOCIETIES	ANTHONY FAKHOURY, UNITED NATIONS DEVELOPMENT PROGRAMME	<p><b>ALI HADI, AMERICAN UNIVERSITY OF CAIRO</b> TOPIC: ON THE IDENTIFICATION AND HANDLING OF OUTLIERS IN COMPOSITE INDEX NUMBERS</p> <p><b>DR. MOHAMED ALI ISMAIL, CAIRO UNIVERSITY</b> TOPIC: COMPOSITE INDICES AND TRADITIONAL DATA: THE GLOBAL KNOWLEDGE INDEX</p> <p><b>BRUNO RODRIGUES, PWC</b> TOPIC: FUTURE OF KNOWLEDGE – REAL TIME DATA</p> <p>DISCUSSANT: <b>HANY TORKY, UNITED NATIONS DEVELOPMENT PROGRAMME</b></p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-441	GENERATING NEW INSIGHTS BY USING AND LINKING MICRO DATA SETS	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS, SWITZERLAND	<b>PATRICK WEBER, DEUTSCHE BUNDESBANK</b>  TOPIC: THE FIRE-SALE CHANNELS OF UNIVERSAL BANKS IN THE EUROPEAN SOVEREIGN DEBT CRISIS
					<b>ANDREA NERI, BANK OF ITALY</b>  TOPIC: LINKING HOUSEHOLD SURVEY DATA AND ADMINISTRATIVE STATISTICS: THE BANCA D'ITALIA EXPERIENCE
					<b>GULBIN SAHINBEYOGLU, CENTRAL BANK OF TURKEY</b>  TOPIC: LINKING MICRO DATA SETS FOR FIRMS' FX RISK MONITORING DATABASE
					<b>DAVID BUCKMANN, DEUTSCHE BUNDESBANK</b>  TOPIC: COMPLETING THE SECURITIES PICTURE: INTEGRATING OFFICIAL SECURITIES STATISTICS WITH REGULATORY TRADING DATA
					<b>OLIVIA HAUET, NORDEA</b>  TOPIC: THE INTEGRATION OF MICRO-DATA SETS INTO A MACRO-PRUDENTIAL REGULATORY LANDSCAPE, EXEMPLIFIED BY THE ANACREDIT REGULATION



**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-444	ADVANCES IN MODELING DEMOGRAPHIC DATA	AREZOO BAGHERI, NATIONAL POPULATION STUDIES AND COMPREHENSIVE MANAGEMENT INSTITUTE, TEHRAN, IRAN	<b>AREZOO BAGHERI, NATIONAL POPULATION STUDIES AND COMPREHENSIVE MANAGEMENT INSTITUTE, TEHRAN, IRAN</b>  TOPIC: WHICH YOUTHS MARRIED LATER THAN THEIR DESIRED TIME; CLASSIFICATION TREE APPROACH
					<b>SOHEL RANA, EAST WEST UNIVERSITY, DHAKA, BANGLADESH</b>  TOPIC: OUTLIER DETECTION IN POISSON REGRESSION MODEL: EVIDENCE FROM BANGLADESH DEMOGRAPHIC AND HEALTH SURVEY DATA
					<b>MAHSA SAADATI, NATIONAL POPULATION STUDIES AND COMPREHENSIVE MANAGEMENT INSTITUTE, TEHRAN, IRAN</b>  TOPIC: MODELING BIRTH INTERVALS BY VARIANCE-CORRECTED RECURRENT MODELS
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-486	ENVIRONMENTAL STATISTICS AND CLIMATE CHANGE	ALESSANDRO FASSÒ, DIPARTIMENTO DI INGEGNERIA GESTIONALE, DELL'INFORMAZIONE E DELLA PRODUZIONE, UNIVERSITY OF BERGAMO, BERGAMO, ITALY	<b>ALESSANDRO FASSÒ, DIPARTIMENTO DI INGEGNERIA GESTIONALE, DELL'INFORMAZIONE E DELLA PRODUZIONE, UNIVERSITY OF BERGAMO, BERGAMO, ITALY</b>  TOPIC: CHANGE DETECTION AND HARMONISATION OF ATMOSPHERIC LARGE SPATIOTEMPORAL SERIES

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>TONIO DI BATTISTA, G. D'ANNUNZIO</b>  <b>UNIVERSITY OF CHIETI-PESCARA, ITALY</b></p> <p>TOPIC: INSPECTING ECOLOGICAL COMMUNITIES' STRUCTURE VIA FUNCTIONAL DATA ANALYSIS</p>
					<p><b>AYESHA ALI, UNIVERSITY OF GUELPH,</b>  <b>CANADA</b></p> <p>TOPIC: RECENT ADVANCES IN MODELLING ECOLOGICAL NETWORKS</p>
					<p><b>RAPHAËL HUSER, KING ABDULLAH</b>  <b>UNIVERSITY OF SCIENCE AND</b>  <b>TECHNOLOGY (KAUST), SAUDI ARABIA</b></p> <p>TOPIC: FLEXIBLE SUB-ASYMPTOTIC MODELING OF THRESHOLD EXCEEDANCES USING HIERARCHICAL MIXTURE MODELS</p>
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-500	BIG DATA IN OFFICIAL STATISTICS: A NEW DIMENSION FOR OPERATIONAL OFFICES	MASLINA BINTI SAMSUDIN, DEPARTMENT OF STATISTICS, MALAYSIA	<p><b>JOKO PARIYANTO, BADAN PUSAT</b>  <b>STATISTIK (BPS), INDONESIA</b></p> <p>TOPIC: TRIP IDENTIFICATION PROCESS USING MOBILE POSITIONING DATA</p>
					<p><b>FAUZANA HJ. ISMAIL, DEPARTMENT OF</b>  <b>STATISTICS, MALAYSIA</b></p> <p>TOPIC: USE OF WEB-SCRAPING FOR THE COMPILATION OF CONSUMER PRICE INDEX: MALAYSIA'S EXPERIENCE</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>KIT HOONG CHOO, DEPARTMENT OF STATISTICS, SINGAPORE</b></p> <p>TOPIC: PROFILING THE INTERNET ECONOMY IN SINGAPORE</p>
					<p><b>JIAJING LI, BEIJING MUNICIPAL BUREAU OF STATISTICS</b></p> <p>TOPIC: RESEARCH ON DEEPENING THE APPLICATION OF BIG DATA IN GOVERNMENT STATISTICS</p>
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-514	APPROACHES IN VALIDATING MACHINE-LEARNING MODELS FOR MANAGEMENT OF CREDIT RISK	SYAZWANI HAMSANI, BANK NEGARA MALAYSIA	<p><b>YOON TIEN YAP, RHB BANKING GROUP</b></p> <p>TOPIC: APPLICATION OF MACHINE LEARNING IN THE PREDICTION OF CREDIT DEFAULTS</p>
					<p><b>VISHNU KAMALNATH, MCKINSEY &amp; CO</b></p> <p>TOPIC: TECHNIQUE AND CHALLENGES IN VALIDATION MACHINE LEARNING MODEL</p>
					<p><b>SHAFI UR RAHMAN, SR. PRINCIPAL SCIENTIST, FICO</b></p> <p>TOPIC: OVERCOMING REGULATORY CHALLENGES IN USING MACHINE LEARNING MODELS</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-541	THE RESPONSE OF THE NATIONAL STATISTICAL OFFICES IN CASE OF NATURAL DISASTERS.	JOSE ARTURO BLANCAS, NATIONAL INSTITUTE OF STATISTICS AND GEOGRAPHY OF MEXICO	<b>JOSE ARTURO BLANCAS, NATIONAL INSTITUTE OF STATISTICS AND GEOGRAPHY OF MEXICO</b>  TOPIC: RESPONSE OF THE NATIONAL INSTITUTE OF STATISTICS AND GEOGRAPHY (INEGI) TO NATURAL DISASTERS IN MEXICO
					<b>VIVIAN ILARINA, PHILIPPINE STATISTICS AUTHORITY</b>  TOPIC: THE DEVELOPMENT OF DISASTER STATISTICS IN THE PHILIPPINES: EXPENDITURE ACCOUNTS ON DISASTER RISK REDUCTION
					<b>MASAO TAKAHASHI, STATISTICS BUREAU OF JAPAN</b>  TOPIC: RESPONSES OF THE STATISTICS BUREAU OF JAPAN TO NATURAL DISASTERS
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-545	STATISTICAL EDUCATION OR STATISTICAL LITERACY? WAYS TO ADDRESS THEM.	ADRIANA GRACIELA D'AMELIO, UNIVERSIDAD NACIONAL DE CUYO	<b>LILIANA ADRIANA MENDOZA SABOYA, UNIVERSIDAD DE COLOMBIA</b>  TOPIC: STATISTICAL EDUCATION OR STATISTICAL LITERACY. EFFECT ON THE COLLEGE STUDENT
					<b>ERNESTO ALONSO SÁNCHEZ SÁNCHEZ, UNIVERSIDAD AUTÓNOMA DE MÉJICO</b>  TOPIC: STATISTICAL LITERACY AS PART OF STATISTICAL EDUCATION

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>MÓNICA BLAZARINI, UNIVERSIDAD NACIONAL DE CÓRDOBA</b></p> <p>TOPIC: THE TEACHING OF STATISTICAL CONSULTING AND PROFESSIONAL LITERACY</p> <p>DISCUSSANT: <b>REIJA HELENIUS, INTERNATIONAL STATISTIC LITERACY PROJECT</b></p>
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-570	MULTINATIONAL PROFIT SHIFTING AND ILLICIT FLOWS – CAN WE MEASURE THEM?	FERNANDO CANTU, STATISTICS NETHERLANDS	<p><b>MARY EVERETT, CENTRAL BANK, IRELAND</b></p> <p>TOPIC: TRACKING THE INTERNATIONAL FOOTPRINTS OF GLOBAL FIRMS</p> <p><b>DYLAN RASSIER, U.S. BUREAU OF ECONOMIC ANALYSIS</b></p> <p>TOPIC: MULTINATIONAL PROFIT SHIFTING AND MEASURES THROUGHOUT ECONOMIC ACCOUNTS</p> <p>DISCUSSANT 1: <b>PETER VANDEVEN, OECD</b></p> <p>DISCUSSANT 2: <b>ANGELA ME, UNITED NATIONS OFFICE ON DRUGS AND CRIME (UNODC)</b></p>
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-587	MEASUREMENT ISSUES IN AN AGE OF DIGITAL TECHNOLOGIES	YAFEI WANG, BEIJING NORMAL UNIVERSITY	<p><b>SHUJIAN XIANG, ZHEJIANG GONGSHANG UNIVERSITY, CHINA</b></p> <p>TOPIC: MEASURING THE STRUCTURE OF DIGITAL ECONOMY — THE CASE OF CHINA</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>GUANGWU CHEN, THE UNIVERSITY OF NEW SOUTH WALES, AUSTRALIA</b></p> <p>TOPIC: THE IMPACTS OF DIGITALISATION ON CHINA'S ECONOMIC SYSTEM</p>
					<p><b>HUI WEI, AUSTRALIAN BUREAU OF STATISTICS</b></p> <p>TOPIC: THE ACCURACY AND RELEVANCE OF GDP MEASURES IN A DIGITAL ECONOMY</p>
					<p>DISCUSSANT: <b>NAN ZHANG, HIROSHIMA SHUDO UNIVERSITY, JAPAN</b></p>
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-643	NEW BAYES METHODS FOR BIG DATA SETS AND COMPLEX MODELS	GEOFFREY K. NICHOLLS, DEPARTMENT OF STATISTICS, OXFORD UNIVERSITY, UK	<p><b>DAVID J. NOTT, DEPARTMENT OF STATISTICS AND APPLIED PROBABILITY, NATIONAL UNIVERSITY OF SINGAPORE</b></p> <p>TOPIC: GAUSSIAN VARIATIONAL APPROXIMATION FOR HIGH-DIMENSIONAL STATE SPACE MODELS</p>
					<p><b>SCOTT A. SISSON, SCHOOL OF MATHEMATICS AND STATISTICS, UNIVERSITY OF NEW SOUTH WALES, AUSTRALIA</b></p> <p>TOPIC: NEW MODELS FOR SYMBOLIC DATA ANALYSIS</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<b>JEONG EUN LEE, UNIVERSITY OF AUCKLAND</b>  TOPIC: CALIBRATION PROCEDURES FOR APPROXIMATE BAYESIAN CREDIBLE SETS
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-699	SPECIAL STS: HARNESSING THE POWER OF DATA FOR THE 2030 AGENDA: OPEN DATA AND BUILDING TRUST IN DATA IN THE NEW DATA ECOSYSTEMS	LUIS GONZALEZ MORALES, UNITED NATIONS STATISTICS DIVISION	<b>HAISHAN FU, WORLD BANK DATA GROUP</b>  TOPIC: TRUST IN OFFICIAL STATISTICS IN A POST-TRUTH WORLD
					<b>DOMINIK ROZKRUT, STATISTICS POLAND</b>  TOPIC: ROLE OF DATA REPORTING PLATFORMS IN BUILDING TRUST IN OFFICIAL STATISTICS FOR THE 2030 AGENDA
					<b>SHAIDA BADIEE, OPEN DATA WATCH</b>  TOPIC: OUTCOMES OF THE UN WORLD DATA FORUM 2018 – AND WHAT’S NEXT?
					<b>OMAR SEIDU, GHANA STATISTICAL SERVICES</b>  TOPIC: OPEN DATA AND BUILDING TRUST IN THE NEW DATA ECOSYSTEMS IN GHANA
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-2321	TBA	ANITA SYE, WILEY PUBLISHER	
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-2322	TBA	LINDA PETERS, ESRI	

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
21ST AUGUST 2019	10.30 AM - 12.30 PM	STS-483	ADVANCES IN SPATIAL AND TEMPORAL MODELLING FOR ENVIRONMENTAL DATA	SUJIT SAHU, UNIVERSITY OF SOUTHAMPTON	<b>MARTA BLANGIARDO, IMPERIAL COLLEGE, LONDON, UK</b>  TOPIC: BAYESIAN MODELING FOR SPATIALLY MISALIGNED HEALTH AND AIR POLLUTION DATA THROUGH THE INLA-SPDE APPROACH
					<b>ELIANE R. RODRIGUES, UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO</b>  TOPIC: A BIVARIATE SPATIOTEMPORAL MODEL TO ESTIMATE THE PROBABILITY OF AIR POLLUTION EMERGENCY ALERTS IN MEXICO CITY
					<b>SHUVO BAKAR, CSIRO, CANBERRA, AUSTRALIA</b>  TOPIC: BAYESIAN SPATIO-TEMPORAL MODELLING FOR PRECIPITATION VOLUME WITH AN APPLICATION TO HUBBARD BROOK ECOSYSTEM STUDY
					<b>DEBASHIS MONDAL, OREGON STATE UNIVERSITY</b>  TOPIC: SPATIAL-TEMPORAL GAUSSIAN STATE-SPACE MODELS
					<b>DISCUSSANT: SUJIT SAHU, UNIVERSITY OF SOUTHAMPTON</b>



**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
21ST AUGUST 2019	10.30 AM - 12.30 PM	STS-489	ADVANCES IN BAYESIAN SPATIO-TEMPORAL MODELLING OF DISEASE RISK BASED COMPLEX HOUSEHOLD SURVEYS IN SUB-SAHARAN AFRICA (SSA)	NGIANGA-BAKWIN KANDALA, UNIVERSITY OF WITWATERSRAND	<b>GLORY O ATILOLA, NORTHUMBRIA UNIVERSITY, UK</b>  TOPIC: GEOGRAPHIC VARIATION, TRENDS AND DETERMINANTS OF HYPERTENSION IN SOUTH AFRICAN ADULT POPULATION, 2008-2017
					<b>LAWRENCE KAZEMBE, UNIVERSITY OF NAMIBIA</b>  TOPIC: MODELLING SPATIO-TEMPORAL PATTERNS OF DISEASE FOR SPATIALLY MISALIGNED DATA: AN APPLICATION TO DISEASE DATA IN NAMIBIA, 2006-2013
					<b>CHRISTOPHER NNANATU, NORTHUMBRIA UNIVERSITY, UK</b>  TOPIC: MODELLING AND MAPPING PREVALENCE OF FEMALE GENITAL MUTILATION/CUTTING AMONG 0-14 YEARS OLD GIRLS IN KENYA, NIGERIA AND SENEGAL
					<b>DANIELLE JADE ROBERTS, UNIVERSITY OF KWAZULU-NATAL</b>  TOPIC: SPATIAL HETEROGENEITY OF CHILDHOOD ANAEMIA IN FOUR SUB-SAHARAN AFRICAN COUNTRIES
					DISCUSSANT: <b>SAMUEL MANDA, SOUTH AFRICA MEDICAL RESEARCH COUNCIL</b>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
21ST AUGUST 2019	10.30 AM - 12.30 PM	STS-540	RECENT ADVANCEMENT IN STATISTICAL PROCESS MONITORING AND ITS APPLICATIONS	AMITAVA MUKHERJEE, XLRI - XAVIER SCHOOL OF MANAGEMENT	<b>SIN YIN THE, SCHOOL OF MANAGEMENT, UNIVERSITI SAINS MALAYSIA, 11800 MINDEN, PENANG, MALAYSIA</b>  TOPIC: A NONPARAMETRIC GWMA CONTROL CHART BASED ON THE MOVING SIGN STATISTICS
					<b>TAHIR MAHMOOD, DEPARTMENT OF SYSTEM ENGINEERING AND ENGINEERING MANAGEMENT, CITY UNIVERSITY OF HONG KONG, KOWLOON, HONG KONG</b>  TOPIC: PROCESS MONITORING AND DECISION BASED ON ZERO-INFLATED MODELS
					<b>ZHI SONG, DEPARTMENT OF MATHEMATICS, LIAONING UNIVERSITY AND COLLEGE OF SCIENCE, SHENYANG AGRICULTURAL UNIVERSITY</b>  TOPIC: OPTIMAL DESIGN OF DISTRIBUTION-FREE EXPONENTIALLY WEIGHTED MOVING AVERAGE SCHEMES WITH DYNAMIC FAST INITIAL RESPONSE FOR JOINT MONITORING OF LOCATION AND SCALE

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>MARIEN A. GRAHAM, DEPARTMENT OF SCIENCE, MATHEMATICS &amp; TECHNOLOGY EDUCATION, UNIVERSITY OF PRETORIA, SOUTH AFRICA</b></p> <p>TOPIC: SHEWHART X-BAR MONITORING SCHEMES WITH SUPPLEMENTARY SIDE-SENSITIVE RUNS-RULES FOR THE BURR-TYPE XII DISTRIBUTION</p>
					<p><b>ZHI LIN CHONG, DEPARTMENT OF PHYSICAL AND MATHEMATICAL SCIENCE, FACULTY OF SCIENCE, UNIVERSITI TUNKU ABDUL RAHMAN, 31900 KAMPAR, PERAK, MALAYSIA</b></p> <p>TOPIC: A COMPARATIVE STUDY BETWEEN THE STANDARD DEVIATION OF THE TIME TO SIGNAL (SDTS) PERFORMANCE OF THE GR AND SSGR SCHEMES</p>
					<p>DISCUSSANT: <b>AMITAVA MUKHERJEE, XLRI - XAVIER SCHOOL OF MANAGEMENT</b></p>
21ST AUGUST 2019	10.30 AM - 12.30 PM	STS-547	WHAT TO DO WHEN OUR ASSUMPTIONS FAIL? EXTENDING DUAL AND MULTIPLE SYSTEMS POPULATION ESTIMATION TO MEET THE CHALLENGES OF MODERN DATA SOURCES.	TRACEY SAVAGE, STATS NZ	<p><b>JOHN DUNNE, CSO IRELAND</b></p> <p>TOPIC: NEW POPULATION ESTIMATION METHODS: NEW ZEALAND AND IRELAND</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>OWEN ABBOTT, OFFICE FOR NATIONAL STATISTICS</b></p> <p>TOPIC: DUAL-SYSTEM ESTIMATION BY ANOTHER NAME: POPULATION SIZE ESTIMATION USING WEIGHTING CLASSES</p>
					<p><b>PETER G.M. VAN DER HEIJDEN, UTRECHT UNIVERSITY AND UNIVERSITY OF SOUTHAMPTON</b></p> <p>TOPIC: FURTHER EXAMPLES OF POPULATION SIZE ESTIMATION WHEN LINKING REGISTERS RESULTS IN INCOMPLETE COVARIATES</p>
					<p><b>DAAN ZULT, CBS NETHERLAND</b></p> <p>TOPIC: A GENERAL FRAMEWORK FOR MULTIPLE - RECAPTURE ESTIMATION THAT INCORPORATES LINKAGE ERROR CORRECTION</p>
					<p>DISCUSSANT: <b>PAUL SMITH, UNIVERSITY OF SOUTHAMPTON</b></p>
21ST AUGUST 2019	10.30 AM - 12.30 PM	STS-556	ADVANCED STATISTICAL MODELING FOR DATA ANALYSTS	ROSSITA M YUNUS, UNIVERSITY OF MALAYA, MALAYSIA	<p><b>MOHD BAKRI ADAM, UNIVERSITI PUTRA MALAYSIA</b></p> <p>TOPIC: RECOVERY SIGNAL OF HEAVY-TAILED DATA FROM NOISE WITH OUTLIERS AND HIGHER VOLATILITY</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>HERLINA HANUM, UNIVERSITAS SRIWIJAYA, INDONESIA</b></p> <p>TOPIC: MODELING INDONESIAN RAINFALL DATA USING GAMMA PARETO GENERALIZED LINEAR MODEL</p>
					<p><b>SAFWATI IBRAHIM, UNIVERSITI MALAYSIA PERLIS</b></p> <p>TOPIC: PARAMETER ESTIMATION AND OUTLIER DETECTION METHOD USING DFBETAC STATISTIC FOR MULTIVARIATE EYE DATA WITH THE MULTIPLE CIRCULAR REGRESSION MODEL</p>
					<p><b>NUR ANISAH MOHAMED, UNIVERSITY OF MALAYA</b></p> <p>TOPIC: ESTIMATION USING RIDGE QUADRATIC INFERENCE FUNCTION FOR LONGITUDINAL OUTCOME</p>
					<p><b>AZIZUR RAHMAN, CHARLES STURT UNIVERSITY</b></p> <p>TOPIC: A NOVEL BAYESIAN MATRIX ANALYTIC APPROACH FOR SMALL AREA ESTIMATION</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
21ST AUGUST 2019	10.30 AM - 12.30 PM	STS-579	ASYMPTOTIC BEHAVIOR AND NUMERICAL SIMULATION OF STOCHASTIC EVOLUTIONARY SYSTEMS	ELENA YAROVAYA, LOMONOSOV MOSCOW STATE UNIVERSITY	<b>ELENA YAROVAYA, LOMONOSOV MOSCOW STATE UNIVERSITY</b> TOPIC: STOCHASTIC EVOLUTIONARY SYSTEM ON MULTIDIMENSIONAL LATTICES
					<b>CARMEN MINUESA ABRIL, UNIVERSITY OF EXTREMADURA</b> TOPIC: BAYESIAN INFERENCE FOR A TWO-TYPE CONTROLLED BRANCHING MODEL FOR AN OLIGODENDROCYTE CELL POPULATION
					<b>MIGUEL GONZÁLEZ, EXTREMADURA UNIVERSITY, BADAJOZ, SPAIN</b> TOPIC: NONPARAMETRIC BAYESIAN INFERENCE FOR YLINKED TWOSEX BRANCHING PROCESSES WITH BLIND CHOICE USING MCMC AND ABC METHODS
					<b>DARIA BALASHOVA, LOMONOSOV MOSCOW STATE UNIVERSITY</b> TOPIC: SIMULATION OF BRANCHING RANDOM WALKS WITH DIFFERENT INTENSITY OF BRANCHING SOURCES
					<b>ANASTASIYA RYTOVA, LOMONOSOV MOSCOW STATE UNIVERSITY</b> TOPIC: SURVIVAL ANALYSIS OF PARTICLE POPULATIONS IN BRANCHING RANDOM WALKS

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>MAROUSSIA NIKIFOROVA NIKIFOROVA SLAVTCHOVA-BOJKOVA, UNIVERSITY "ST. KLIMENT OHRIDSKI"</b></p> <p>TOPIC: COMPUTATIONAL MODELLING OF CANCER EVOLUTION BY MULTI-TYPE BRANCHING PROCESSES</p>
					<p>DISCUSSANT: <b>LARISA AFANAS'EVA, LOMONOSOV MOSCOW STATE UNIVERSITY</b></p>
21ST AUGUST 2019	10.30 AM - 12.30 PM	STS-2319	ASIAN DEVELOPMENT BANK'S SUPPORT TO INNOVATIVE DATA COLLECTION AND ANALYTICAL METHODS	MAHINTHAN JOSEPH MARIASINGHAM, ASIAN DEVELOPMENT BANK, PHILIPPINES	<p><b>ARTURO MARTINEZ, ASIAN DEVELOPMENT BANK</b></p> <p>TOPIC: ENHANCING SMALL AREA POVERTY ESTIMATES USING SATELLITE IMAGERY</p>
					<p><b>NAGRAJ RAO, ASIAN DEVELOPMENT BANK</b></p> <p>TOPIC: MEASURING RICE YIELD FROM SPACE: THE CASE OF THAI BINH PROVINCE, VIETNAM</p>
					<p><b>JUDE DAVID ROQUE, ASIAN DEVELOPMENT BANK</b></p> <p>TOPIC: HOW MUCH BETTER IS BETTER? QUANTIFYING THE CAPI ADVANTAGE USING VIET NAM'S LABOR FORCE SURVEY</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>ELISABETTA GENTILE, ASIAN DEVELOPMENT BANK</b></p> <p>TOPIC: LESSONS LEARNED FROM CONDUCTING TWO ONLINE TRAINING COURSES ON COMPUTER-ASSISTED PERSONAL INTERVIEWING (CAPI)</p>
21ST AUGUST 2019	2.00 PM - 3.40 PM	STS-407	THE AGRICULTURAL CENSUS AS A COMPONENT OF AN INTEGRATED STATISTICAL SYSTEM	JAIRO CASTANO, FAO	<p><b>JAIRO CASTANO, FAO</b></p> <p>TOPIC: INTEGRATING AGRICULTURAL CENSUSES AND SURVEYS FOR OPTIMAL SECTORAL DATA COLLECTION</p>
					<p><b>MINERVA ESQUIVIAS ELOISA, PHILIPPINE STATISTICS AUTHORITY</b></p> <p>TOPIC: THE PHILIPPINE CENSUS OF AGRICULTURE AND FISHERIES AS PART OF THE INTEGRATED AGRICULTURAL STATISTICAL SYSTEM</p>
					<p><b>ERIC RANCOURT, STATISTICS CANADA</b></p> <p>TOPIC: THE INTEGRATION OF THE CENSUS OF AGRICULTURE WITH THE BUSINESS STATISTICS PROGRAM: THE KEYSTONE FOR THE NEXT GENERATION OF CENSUSES IN CANADA</p>



**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
21ST AUGUST 2019	2.00 PM - 3.40 PM	STS-429	GREEN ECONOMY AND GREEN JOBS: TOURISM SUSTAINABILITY AND THE ISSUE OF MEASUREMENT	IGOR CHERNYSHEV, GJASD INTERNATIONAL (GREEN JOBS AND SUSTAINABLE DEVELOPMENT INTERNATIONAL CENTRE)	<b>MARGARITA ROHR, UNIVERSITY OF VALENCIA</b> TOPIC: GREEN ECONOMY: A CONCEPTUAL OVERVIEW
					<b>CATHERINE SAGET, ILO</b> TOPIC: GREENING WITH JOBS
					<b>VALENTINA STOEVSKA, ILO</b> TOPIC: STATISTICAL DEFINITION OF EMPLOYMENT IN THE ENVIRONMENTAL SECTOR AND GREEN JOBS: THEORY AND PRACTICE
					<b>FLORABELA CARAUSU, GOPA LUXEMBOURG S.A.R.L</b> TOPIC: SUSTAINABLE GRASSROOTS TOURISM THROUGH GREEN JOBS: MEASUREMENT ISSUES
21ST AUGUST 2019	2.00 PM - 3.40 PM	STS-430	RECENT ADVANCES IN FUNCTIONAL AND HIGH DIMENSIONAL STATISTICAL METHODS	ANIRVAN CHAKRABORTY, IISER KOLKATA	<b>ANIRVAN CHAKRABORTY, IISER KOLKATA</b> TOPIC: WHAT IS THE DIMENSION OF A STOCHASTIC PROCESS?
					<b>JEAN-MICHEL LOUBES, INSTITUT DE MATHÉMATIQUES DE TOULOUSE, FRANCE</b> TOPIC: DISTRIBUTION'S TEMPLATE ESTIMATE WITH WASSERSTEIN METRICS

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>ZHENHUA LIN, DEPARTMENT OF STATISTICS, UNIVERSITY OF CALIFORNIA - DAVIS, CALIFORNIA, UNITED STATES OF AMERICA</b></p> <p>TOPIC: A MULTIPLIER BOOTSTRAP APPROACH TO ONE-WAY ANOVA FOR FUNCTIONAL DATA</p>
					<p><b>ANIL K. GHOSH, INDIAN STATISTICAL INSTITUTE</b></p> <p>TOPIC: PERFECT CLUSTERING OF HIGH DIMENSIONAL DATA</p>
21ST AUGUST 2019	2.00 PM - 3.40 PM	STS-451	A COMPREHENSIVE STATISTICAL ANALYSIS ON A LARGE-SCALED SCIENTIFIC CITATION DATABASE - WEB OF SCIENCE	FREDERICK KIN HING PHOA, ACADEMIA SINICA	<p><b>FREDERICK KIN HING PHOA, ACADEMIA SINICA</b></p> <p>TOPIC: A TWO-STEP MODERN APPROACH FOR QUANTIFYING THE RELATIONSHIP AMONG DIFFERENT SUBJECTS IN THE WEB OF SCIENCE DATABASE</p>
					<p><b>KEISUKE HONDA, INSTITUTE OF STATISTICAL MATHEMATICS</b></p> <p>TOPIC: CLUSTERING OF RESEARCH SUBJECT BASED ON STOCHASTIC BLOCK MODEL</p>
					<p><b>LIVIA LIN-HSUAN CHANG, INSTITUTE OF STATISTICAL MATHEMATICS</b></p> <p>TOPIC: AN EMPIRICAL AND A DATA-DRIVEN ANALYSES ON THE SCIENTIFIC ARTICLE CITATION NETWORK</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>YUJI MIZUKAMI, NIHON UNIVERSITY</b>            TOPIC: QUANTITATIVELY ANALYZE THE CAPABILITY OF THE ORGANIZATION: ESTIMATING THE CAPABILITY TO INDUCE INNOVATION BASED ON CO-AUTHOR INFORMATION OF ARTICLES</p>
21ST AUGUST 2019	2.00 PM - 3.40 PM	STS-460	THE IMPORTANCE OF EVIDENCE-BASED STATISTICS FOR ENVIRONMENTAL MANAGEMENT AND SUSTAINABLE PATHWAYS	ZAITUN MOHD TAHA ABD. RAHMAN, DEPARTMENT OF STATISTICS MALAYSIA	<p><b>DANIEL CLARKE, ESCAP</b>            TOPIC: USING GIS AND OFFICIAL STATISTICS TO SUPPORT ASSESSMENTS OF RISK TO SUSTAINABLE DEVELOPMENT FROM ENVIRONMENTAL DEGRADATION</p>
					<p><b>KECUK SUHARIYANTO, BADAN PUSAT STATISTIK INDONESIA</b>            TOPIC: BUILDING ENVIRONMENTAL-ECONOMIC INTEGRATED ACCOUNT FOR SUSTAINABLE DEVELOPMENT GOALS IMPLEMENTATION: INDONESIA EXPERIENCE</p>
					<p><b>ETJIH TASRIAH, BADAN PUSAT STATISTIK</b>            TOPIC: INDONESIA LAND ACCOUNT FOR SUSTAINABLE DEVELOPMENT GOALS IMPLEMENTATION</p>
					<p><b>ZAITUN MOHD TAHA ABD. RAHMAN, DEPARTMENT OF STATISTICS MALAYSIA</b>            TOPIC: THE EVOLUTION OF ENVIRONMENT STATISTICS IN DEPARTMENT OF STATISTICS MALAYSIA</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
21ST AUGUST 2019	2.00 PM - 3.40 PM	STS-466	INTELLIGENT DATA WAREHOUSE ENRICH SMART STATISTICS	ROSNAH MUHAMAD ALI, DEPARTMENT OF STATISTICS MALAYSIA	<b>ROSNAH MUHAMAD ALI, DEPARTMENT OF STATISTICS MALAYSIA</b>  TOPIC: LEVERAGING INTELLIGENT DATA WAREHOUSE FOR A SEAMLESS STATISTICS
					<b>SASONGKO YUDHO, EBDESK</b>  TOPIC: MANAGING UNSTRUCTURED DATA THROUGH BIG DATA ANALYTICS TOWARDS INTELLIGENT INSIGHTS
					<b>STACE CHOW, MICROSTRATEGY PTE LTD</b>  TOPIC: GOVERNED DATA DISCOVERY: DEPLOYING SELF-SERVICE ANALYTICS TO BUSINESS TEAMS WITH CERTIFIED DOSSIERS
					<b>ISMAT BINTI MOHD. SULAIMAN, MINISTRY OF HEALTH MALAYSIA</b>  TOPIC: MYHARMONY: GENERATING STATISTICS FROM CLINICAL TEXT FOR MONITORING CLINICAL QUALITY INDICATORS
21ST AUGUST 2019	2.00 PM - 3.40 PM	STS-507	RISING TO THE CHALLENGES OF A CHANGING OFFICIAL STATISTICS WORLD	SYBILLE MCKEOWN, AUSTRALIAN BUREAU OF STATISTICS	<b>VINCE GALVIN, STATISTICS NEW ZEALAND</b>  TOPIC: ADDING STATISTICAL VALUE IN A RAPIDLY CHANGING GOVERNMENT DATA "ECO-SYSTEM"

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>SUSIE FORTIER, STATISTICS CANADA</b>            TOPIC: METHODOLOGY LEADERSHIP AND POSITIONING ON A MODERNISATION JOURNEY</p> <p><b>KATHERINE JENNY THOMPSON, US CENSUS BUREAU</b>            TOPIC: CHALLENGES IN IMPLEMENTING A NEW IMPUTATION METHOD INTO PRODUCTION IN THE 2017 ECONOMIC CENSUS OR WHAT TO DO WHEN THE RESEARCH APPROACH OVERSIMPLIFIES THE PROBLEM</p>
21ST AUGUST 2019	2.00 PM - 3.40 PM	STS-520	SMART CITIES IN ISKANDAR MALAYSIA: PERSPECTIVE ON BIG DATA APPLICATION	WAN MOHD SHAHRULNIZAM BIN WAN MOHD NAJURI, DEPARTMENT OF STATISTICS MALAYSIA, STATE OF JOHOR	<p><b>FAREZA BIN MOHAMED SANI, DEPARTMENT OF STATISTICS MALAYSIA, JOHOR</b>            TOPIC: STATISTICAL ANALYSIS VERSUS PREDICTIVE ANALYTICS</p> <p><b>DATUK DR. ISMAIL IBRAHIM, ISKANDAR REGIONAL DEVELOPMENT AUTHORITY (IRDA)</b>            TOPIC: ISKANDAR MALAYSIA (IM) SMART CITY INITIATIVES</p> <p><b>MOHAMAD FAUZI YAHAYA, MIMOS BERHAD</b>            TOPIC: BIG DATA ANALYTICS (BDA) TECHNOLOGY AND MACHINE LEARNING.</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>MINGCUI DU, BEIJING MUNICIPAL BUREAU OF STATISTICS</b></p> <p>TOPIC: RESEARCH ON METHOD OF POPULATION PREDICTION BY BIG DATA FROM MOBILE PHONES</p> <p>DISCUSSANT: <b>WAN MOHD SHAHRULNIZAM BIN WAN MOHD NAJURI, DEPARTMENT OF STATISTICS MALAYSIA</b></p>
21ST AUGUST 2019	4.00 PM - 5.40 PM	STS-456	“NATIONAL TRANSFER ACCOUNTS AS A TOOL TO MEASURE THE IMPACT OF DEMOGRAPHICS CHANGES”	EZATUL NISHA ABDUL RAHMAN, DEPARTMENT OF STATISTICS MALAYSIA	<p><b>EZATUL NISHA ABDUL RAHMAN, DEPARTMENT OF STATISTICS MALAYSIA</b></p> <p>TOPIC: DEMOGRAPHICS CHANGES IN MALAYSIA: IMPACT ON SHRINKAGE OF WORKING AGE POPULATION</p> <p><b>WANCHAT SUWANKITTI, NATIONAL ECONOMIC AND SOCIAL DEVELOPMENT BOARD, THAILAND</b></p> <p>TOPIC: TBU</p> <p>DISCUSSANT: <b>NORMAH MANSOR, SOCIAL SECURITY RESEARCH CENTER, UNIVERSITY OF MALAYA</b></p>
21ST AUGUST 2019	4.00 PM - 5.40 PM	STS-515	TRAINING DATA SCIENTISTS AT UNIVERSITY FOR REWARDING CAREERS	JOHN HARRAWAY, OTAGO UNIVERSITY	<p><b>JIM RIDGWAY, SMART CENTRE DURHAM UNIVERSITY, UK</b></p> <p>TOPIC: LOOKING BACK, LOOKING FORWARD – STATISTICS AND THE DATA SCIENCE TSUNAMI</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>STEVE MACFEELY, UNITED NATION CONFERENCE FOR TRADE AND DEVELOPMENT</b></p> <p>TOPIC: TEACHING DATA SCIENCE – A USER PERSPECTIVE</p>
					<p><b>SOTIRIOS DAMOURAS, UNIVERSITY OF TORONTO AT SCARBOROUGH</b></p> <p>TOPIC: EVOLVING STATISTICS EDUCATION FOR A DATA SCIENCE WORLD</p>
					<p><b>JEREMIAH DENG, UNIVERSITY OF OTAGO</b></p> <p>TOPIC: DATA SCIENCE PROGRAMMES: IS THERE AN IDEAL DESIGN?</p>
21ST AUGUST 2019	4.00 PM - 5.40 PM	STS-518	CLASSICAL AND NONCLASSICAL INFINITE DIVISIBILITY, THEIR ANALYSIS AND APPLICATIONS: PART 2	VICTOR PEREZ ABREU, CENTER FOR RESEARCH IN MATHEMATICS	<p><b>STEEN THORBJØRNSSEN, AARHUS UNIVERSITY, DENMARK</b></p> <p>TOPIC: FREE INFINITELY DIVISIBLE PROBABILITY MEASURES – PROPERTIES AND MAIN EXAMPLES</p>
					<p><b>BARBARA HELENA JASIULIS-GOLDYN, UNIVERSITY OF WROCLAW, POLAND</b></p> <p>TOPIC: INFINITELY DIVISIBLE PROBABILITY MEASURES UNDER GENERALIZED CONVOLUTIONS</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>OCTAVIO ARIZMENDI, CENTER FOR RESEARCH IN MATHEMATICS, MEXICO</b></p> <p>TOPIC: CUMULANTS IN FINITE FREE PROBABILITY</p>
21ST AUGUST 2019	4.00 PM - 5.40 PM	STS-523	ADMINISTRATIVE DATA AS ALTERNATIVE AND RELIABLE SOURCES OF OFFICIAL STATISTICS	SHAZURA ZAINOL ABIDIN, BANK NEGARA MALAYSIA	<p><b>SITI HASLINDA MOHD. DIN, DEPARTMENT OF STATISTICS MALAYSIA</b></p> <p>TOPIC: USE OF ADMINISTRATIVE DATA AS AN ALTERNATIVE SOURCE OF OFFICIAL STATISTICS: OPPORTUNITIES AND CHALLENGES</p>
					<p><b>SHAZURA ZAINOL ABIDIN, BANK NEGARA MALAYSIA</b></p> <p>TOPIC: HARNESSING THE VALUE OF ADMINISTRATIVE DATA: A CENTRAL BANK'S EXPERIENCE</p>
					<p><b>FARID AHMAD, SURUHANJAYA SYARIKAT MALAYSIA</b></p> <p>TOPIC: SOURCING OF ADMINISTRATIVE RECORD FOR OFFICIAL COMPILERS</p>
					<p>DISCUSSANT: <b>KENNETH SIMLER, WORLD BANK GROUP</b></p>



**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
21ST AUGUST 2019	4.00 PM - 5.40 PM	STS-544	NOWCASTING AND FORECASTING OF MACROECONOMIC VARIABLES: ROLE OF INDICATORS AND REAL-TIME DATA	BAOLINE CHEN, BUREAU OF ECONOMIC ANALYSIS	<b>BAOLINE CHEN, US BUREAU OF ECONOMIC ANALYSIS</b>  TOPIC: NOWCASTING ADVANCE ESTIMATES OF PRIVATE CONSUMPTION OF SERVICES IN THE US NATIONAL ACCOUNTS: GENERAL BRIDGE EQUATION AND BRIDGING WITH FACTOR FRAMEWORK
					<b>LAURA D'AMATO, CENTRAL BANK OF ARGENTINA</b>  TOPIC: DIFFERENT APPROACHES TO GDP NOWCASTING IN ARGENTINA
					<b>PETER A. ZADROZNY, U.S. BUREAU OF LABOR STATISTICS</b>  TOPIC: FORECASTING QUARTERLY GDP AT REAL-TIME MONTHLY INTERVALS USING BAYESIAN LINEAR LEAST-SQUARES METHODS
					<b>RAFAEL DOMÉNECH, BANCO BIBAO VIZCAYA ARGENTARIA, S.A., SPAIN (BBVA), BBVA RESEARCH</b>  TOPIC: NOWCASTING AND FORECASTING WITH DYNAMIC FACTORS MODELS: SOME EXPERIENCES AND LESSONS

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
21ST AUGUST 2019	4.00 PM - 5.40 PM	STS-557	APPLYING QUANTITATIVE TECHNIQUES TO DEVELOP OPTIMAL INVESTMENT STRATEGIES FOR INSURERS	DAVID ROSEBURGH, ABERDEEN STANDARD INVESTMENTS	<b>DAVID ROSEBURGH, ABERDEEN STANDARD INVESTMENTS</b> TOPIC: OPTIMAL SECURITY SELECTION UNDER REGULATORY CONSTRAINTS
					<b>OUAILE EL FETOUHI, ABERDEEN STANDARD INVESTMENTS</b> TOPIC: PORTFOLIO OPTIMIZATION FOR INSURERS UNDER RISK BASED CAPITAL REGIMES
					<b>PAUL MANSON, MOODY'S ANALYTICS</b> TOPIC: A LIGHT STOCHASTIC ASSET LIABILITY MANAGEMENT (ALM) FOR STRATEGIC ASSET ALLOCATION (SAA)
21ST AUGUST 2019	4.00 PM - 5.40 PM	STS-559	PRE-EMPTIVE STRIKE AGAINST MONEY LAUNDERING AND TERRORIST FINANCING USING BIG DATA ANALYTICS AND ARTIFICIAL INTELLIGENCE	XIANG LEE, BANK NEGARA MALAYSIA	<b>CLAUDE COLASANTE, AUSTRAC</b> TOPIC: DATA ANALYTICS APPLICATIONS FROM REGULATOR'S POINT OF VIEW
					<b>KIMMO SORAMÄKI, FINANCIAL NETWORK ANALYTICS (FNA)</b> TOPIC : GRAPH BASED PREDICTIVE ANALYTICS FOR ANOMALY DETECTION IN PAYMENT SYSTEMS
					<b>DAVID RICH, VOCALINK</b> TOPIC: DATA ANALYTICS BY MASTERCARD TO COUNTER ML/TF RISK

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
21ST AUGUST 2019	4.00 PM - 5.40 PM	STS-637	NATIONAL STATISTICAL OFFICES IN THE DATA SCIENCE ERA	DR. MOHAMED ALI ISMAIL, CAIRO UNIVERSITY	<b>MAGUED OSMAN, FACULTY OF ECONOMY AND POLITICAL SCIENCE, CAIRO UNIVERSITY</b> TOPIC: STATISTICS MONOPOLY: NO ROOM FOR NOSTALGIA
					<b>REEM MOHAMED EL-SEBAAY, CENTRAL AGENCY FOR PUBLIC MOBILIZATION AND STATISTICS</b> TOPIC: USING BIG DATA IN MONITORING INDICATORS OF SUSTAINABLE DEVELOPMENT GOALS IN EGYPT
					<b>RONALD JANSEN, STATISTICS DIVISION, DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS UNITED NATIONS</b> TOPIC: UN GLOBAL PLATFORM AS A DATA SCIENCE COLLABORATION ENVIRONMENT FOR OFFICIAL STATISTICS
					<b>DISCUSSANT: HUSSEIN SAYED ABDEL AZIZ, FACULTY OF ECONOMY AND POLITICAL SCIENCE</b>
22ND AUGUST 2019	10.30 AM - 12.30 PM	STS-364	METHODOLOGY OF STATISTICAL OBSERVATION AND ANALYSIS OF INFORMAL EMPLOYMENT	ELENA ZAROVA, ANALYTICAL CENTRE BY MOSCOW CITY GOVERNMENT	<b>SERGEY MUSIKHIN, ANALYTICAL CENTRE BY GOVERNMENT OF MOSCOW</b> TOPIC: SUGGESTIONS FOR IMPROVING THE METHODOLOGY FOR ESTIMATING INFORMAL EMPLOYMENT BASED ON A SAMPLE SURVEY OF THE LABOUR FORCE

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>MARIA FROLOVA, TOGLIATTI ACADEMY OF MANAGEMENT</b></p> <p>TOPIC: COMPARATIVE ANALYSIS OF METHODOLOGIES USED FOR COLLECTING DATA ON FORMAL AND INFORMAL EMPLOYMENT AND TERTIARY EDUCATION EFFICIENCY</p>
					<p><b>KONSTANTIN LAYKAM, FEDERAL STATE STATISTICS SERVICE, RUSSIA</b></p> <p>TOPIC: METHODOLOGY FOR ASSESSING INFORMAL EMPLOYMENT BASED ON INFORMATION SOURCES WITH DIFFERENT LEVELS OF TRUST</p>
					<p><b>TAISIYA BOYKOVA, ANALYTICAL CENTRE BY GOVERNMENT OF MOSCOW</b></p> <p>TOPIC: INCREASING THE TRANSPARENCY OF DATA ON INFORMAL EMPLOYMENT</p>
					<p><b>POLINA VICTOROVNA KRIUCHKOVA, MOSCOW GOVERNMENT</b></p> <p>TOPIC: TBU</p>
					<p>DISCUSSANT 1: <b>PAUL SMELOV, PLEKHANOV RUSSIAN UNIVERSITY OF ECONOMICS</b></p>
					<p>DISCUSSANT 2: <b>ELVIRA DUBRAVSKAYA, ANALYTICAL CENTRE BY MOSCOW CITY GOVERNMENT</b></p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
22ND AUGUST 2019	10.30 AM - 12.30 PM	STS-419	ISLAMIC FINANCE: HARNESSING DATA ANALYTICS IN ADVANCING RISKSHARING AND SUSTAINABLE FINANCE	HAMIM SYAHRUM AHMAD MOKHTAR, CENTRAL BANK OF MALAYSIA	<b>LIZA MYDIN, MAYBANK ISLAMIC</b>  TOPIC: USE OF BIG DATA ANALYTICS IN TARGETING RIGHT CUSTOMERS FOR SUSTAINABLE AND SOCIAL FINANCE (CASH WAQF)
					<b>ZURAEDA IBRAHIM, UNIVERSITY TECHNOLOGY MARA (UITM)</b>  TOPIC: INVESTMENT ACCOUNT (RISK SHARING PRODUCT) IN ISLAMIC BANKING: ANALYSIS OF PERCEPTIONS AND BEHAVIOURS OF CORPORATE & RETAIL CONSUMERS USING STRUCTURAL EQUATION MODELING
					<b>GABRIEL KARAGERGIOU, ARABESQUE</b>  TOPIC: INTEGRATED ESG PRINCIPLES AND BIG DATA ANALYTICS IN SELECTING SUSTAINABLE ISLAMIC STOCKS
					<b>ADRIANA KOCORNIK-MINA, GLOBAL ALLIANCE ON BANKING ON VALUES</b>  TOPIC: VALUE-BASED SCORECARD FOR ISLAMIC BANKING INSTITUTIONS AS MONITORING TOOLS FOR IMPACT CREATION
					DISCUSSANT : <b>AZRIE TAMJIS, CENTRAL BANK OF MALAYSIA</b>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
22ND AUGUST 2019	10.30 AM - 12.30 PM	STS-452	INPUT-OUTPUT ANALYSIS	NORHAYATI SHUJA', DEPARTMENT OF STATISTICS, MALAYSIA	<b>NORHAYATI SHUJA', DEPARTMENT OF STATISTICS MALAYSIA</b>  TOPIC: INPUT-OUTPUT ANALYSIS OF SECTORAL LINKAGES USING HYPOTHETICAL EXTRACTION METHOD - AN APPLICATION TO MALAYSIA INPUT-OUTPUT TABLES
					<b>PROF. DR. JOERG BEUTEL, KONSTANZ UNIVERSITY OF APPLIED SCIENCES, GERMANY</b>  TOPIC: ECONOMIC DIVERSIFICATION AND SUSTAINABLE DEVELOPMENT - A NEW ASSESSMENT WITH INPUT-OUTPUT DATA
					<b>NOBUHIRO OKAMOTO, DAITO BUNKA UNIVERSITY, JAPAN</b>  TOPIC: EXTENDED INPUT-OUTPUT MODEL FOR DEMOGRAPHIC CHANGE – PRELIMINARY APPLICATION TO THE CHINESE URBANISATION PROCESS
					<b>MAHINTHAN JOSEPH MARIASINGHAM, ASIAN DEVELOPMENT BANK, PHILIPPINES</b>  TOPIC: USING INPUT-OUTPUT TABLES TO STUDY TRADE AND INTERNATIONAL PRODUCTION SHARING ARRANGEMENTS

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>YUAN JIANQIN, STATE INFORMATION CENTER, CHINA</b></p> <p>TOPIC: THE COMPILATION AND APPLICATION OF 2012 CHINA MULTI-REGIONAL MODEL</p>
					<p><b>PROF. DR. YANG CUIHONG, THE CHINESE ACADEMY OF SCIENCES, CHINA</b></p> <p>TOPIC: VALUE-ADDED AND TRADE-EMBODIED CARBON EMISSION OF CHINA'S INDUSTRY WITH HETEROGENEITY BY FIRM SIZE</p>
					<p><b>NORHIKO YAMANO, OECD DIRECTORATE FOR SCIENCE, TECHNOLOGY AND INNOVATION</b></p> <p>TOPIC: INTER-COUNTRY INPUT-OUTPUT DATABASE FOR GLOBAL DEMAND PROJECTION MODEL USING DEMOGRAPHIC ASSUMPTIONS</p>
22ND AUGUST 2019	10.30 AM - 12.30 PM	STS-508	SPECIAL STS: THE AFFORDABLE LIVING IN KUALA LUMPUR CITY-REGION : ACCELERATING THE IMPLEMENTATION OF THE NEW URBAN AGENDA.	DR.AZMIZAM ABDUL RASHID, URBANICE MALAYSIA	<p><b>NORLIZA HASHIM, URBANICE MALAYSIA</b></p> <p>TOPIC: THE AFFORDABLE LIVING IN KUALA LUMPUR CITY-REGION: ACCELERATING THE IMPLEMENTATION OF THE NEW URBAN AGENDA</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>DR. SURAYA ISMAIL, KHAZANAH RESEARCH INSTITUTE</b></p> <p>TOPIC: THE NEED FOR GRANULAR DATA IN EVIDENCE-BASED POLICY: THE CASE OF HOUSING AFFORDABILITY IN MALAYSIA</p>
					<p>DISCUSSANT: <b>JAYASELAN K.NAVARATNAM, MALAYSIA MINISTRY OF HOUSING AND LOCAL GOVERNMENT</b></p>
					<p>DISCUSSANT: <b>IHSAN MOKHTAR, MALAYSIAN INSTITUTE OF PLANNERS</b></p>
					<p>DISCUSSANT: <b>ANWAR SYAHRIN ABDUL AJIB, UEM SUNRISE BERHAD</b></p>
22ND AUGUST 2019	10.30 AM - 12.30 PM	STS-539	STATISTICAL PROCESS MONITORING IN TWENTY FIRST CENTURY	AMITAVA MUKHERJEE, XLRI - XAVIER SCHOOL OF MANAGEMENT	<p><b>QURAT-UL-AIN KHALIQ, DEPARTMENT OF STATISTICS, ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD, PAKISTAN</b></p> <p>TOPIC: APPLICATION OF THE TUKEY-ARIMA (AUTOREGRESSIVE INTEGRATED MOVING AVERAGE) CONTROL CHART IN MONITORING THE ROBOTICS PIONEER DATA</p>



**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>KHAW KHAI WAH, SCHOOL OF MANAGEMENT, UNIVERSITI SAINS MALAYSIA, 11800 PULAU PINANG, MALAYSIA</b></p> <p>TOPIC: VARIABLE PARAMETER CONTROL CHART FOR MULTIVARIATE COEFFICIENT OF VARIATION IN SUSTAINABLE MANUFACTURING</p>
					<p><b>CHENGLONG LI, SCHOOL OF MANAGEMENT, NORTHWESTERN POLYTECHNICAL UNIVERSITY, XI'AN, CHINA</b></p> <p>TOPIC: MODELING AND OPTIMIZATION OF THE SPRT CONTROL CHART FOR INDIVIDUAL OBSERVATIONS</p>
					<p><b>MUHAMMAD ABID, GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD, PAKISTAN</b></p> <p>TOPIC: A NEW NONPARAMETRIC HOMOGENEOUSLY WEIGHTED MOVING AVERAGE CONTROL CHART FOR MONITORING THE PROCESS LOCATION</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>RIDWAN ADEYEMI SANUSI, DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT, CITY UNIVERSITY OF HONG KONG, KOWLOON, HONG KONG</b></p> <p>TOPIC: AN IMPROVED MONITORING PROCEDURE OF MAGNITUDE AND FREQUENCY OF EVENTS</p>
					<p><b>DISCUSSANT: MIN XIE, DEPARTMENT OF SYSTEM ENGINEERING AND ENGINEERING MANAGEMENT, CITY UNIVERSITY OF HONG KONG, KOWLOON, HONG KONG</b></p>
22ND AUGUST 2019	10.30 AM - 12.30 PM	STS-551	ON SOME APPLICATIONS OF BAYESIAN STATISTICAL MODELLING	ADRIANA IRAWATI NUR IBRAHIM, UNIVERSITY OF MALAYA	<p><b>KAMARULZAMAN IBRAHIM, UNIVERSITI KEBANGSAAN MALAYSIA, MALAYSIA</b></p> <p>TOPIC: EMPIRICAL BAYES METHOD FOR MODELLING AIR POLLUTION INDEX</p>
					<p><b>ZAMIRA HASANAH ZAMZURI, UNIVERSITI KEBANGSAAN MALAYSIA, MALAYSIA</b></p> <p>TOPIC: ESTIMATING THE PROPORTION OF UNREPORTED TRAFFIC ACCIDENTS USING BAYESIAN POISSON LOGNORMAL MODEL WITH AN ADJUSTED MEAN</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>STEPHEN WU, INSTITUTE OF STATISTICAL MATHEMATICS, TOKYO, JAPAN</b></p> <p>TOPIC: ENGINEERING APPLICATIONS OF HIERARCHICAL BAYESIAN MODELING</p>
					<p><b>ADRIANA IRAWATI NUR IBRAHIM, UNIVERSITY OF MALAYA</b></p> <p>TOPIC: BAYESIAN APPROACH TO ERRORS-IN-VARIABLES IN POISSON MULTIPLE REGRESSION MODEL</p>
					<p>DISCUSSANT: <b>WAN ZAWIAH WAN ZIN @ WAN IBRAHIM, UNIVERSITI KEBANGSAAN MALAYSIA, MALAYSIA</b></p>
22ND AUGUST 2019	2.00 PM - 3.40 PM	STS-437	STATISTICS AND DATA SCIENCE TO SOLVE PROBLEMS IN SOUTH EAST ASIA	HARTONO SUHARTONO, INSTITUT TEKNOLOGI SEPULUH NOPEMBER	<p><b>HARTONO SUHARTONO, INSTITUT TEKNOLOGI SEPULUH NOPEMBER</b></p> <p>TOPIC: FORECASTING INFLOW AND OUTFLOW IN INDONESIA USING STATISTICAL METHOD AND MACHINE LEARNING</p>
					<p><b>HERI KUSWANTO, INSTITUT TEKNOLOGI SEPULUH NOPEMBER</b></p> <p>TOPIC: TIME SERIES BASED CLUSTERING OF CLIMATE ZONE IN INDONESIA USING TRMM SATELITE DATA</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<b>YUSRINA ANDU, UNIVERSITI MALAYSIA KELANTAN</b>  TOPIC: NON-TRANSFORMED DIMENSIONALITY REDUCTION ON MONTHLY AGRICULTURE STOCK MARKET PRICE
22ND AUGUST 2019	2.00 PM - 3.40 PM	STS-446	A NEW PUBLISHING MODEL FOR UK GDP ESTIMATES	JAMES EDWARD SCRUTON, THE OFFICE FOR NATIONAL STATISTICS	<b>JAMES EDWARD SCRUTON, THE OFFICE FOR NATIONAL STATISTICS</b>  TOPIC: THE RATIONALE FOR A NEW GDP PUBLICATION MODEL
					<b>SUMIT DEY-CHOWDHURY, THE OFFICE FOR NATIONAL STATISTICS</b>  TOPIC: THE BENEFITS AND TRADE-OFFS OF THE NEW GDP PUBLICATION MODEL
22ND AUGUST 2019	2.00 PM - 3.40 PM	STS-480	UNLEASH THE VALUE OF ADVANCED ANALYTICS IN INSURANCE	WEI JIE SEE, BANK NEGARA MALAYSIA	<b>ANTOINE THIBAUT, SCOR GLOBAL LIFE</b>  TOPIC: USING WEARABLE DATA TO EMPOWER HEALTHIER LIVES WITH BIOLOGICAL AGE MODEL
					<b>MOHD AZMAN BIN MOHD ISMAIL, ATILZE DIGITAL SDN. BHD</b>  TOPIC: THE INFLUENCE OF TELEMATICS DEVICE ON DRIVING BEHAVIOUR OF COMMERCIAL VEHICLES ACROSS LONG AND SHORT HAUL DRIVERS
					<b>DISCUSSANT: WEI JIE SEE, BANK NEGARA MALAYSIA</b>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
22ND AUGUST 2019	2.00 PM - 3.40 PM	STS-552	MANAGING EXTERNAL SECTOR STATISTICS (ESS) COMPILATION IN A HIGHLY INTER-CONNECTED AND DIGITAL WORLD	NORHAYATI RAZI, BANK NEGARA MALAYSIA	<b>NORHAYATI RAZI, CENTRAL BANK OF MALAYSIA</b> TOPIC: SECTORISATION AND INFORMATION GRANULARITIES ON PORTFOLIO INVESTMENT STATISTICS
					<b>CAROL BERTAUT, BOARD OF GOVERNORS OF THE FEDERAL RESERVE SYSTEM, UNITED STATES OF AMERICA</b> TOPIC: FINANCIAL INTEGRATION AND GLOBALIZATION: CHALLENGES AND OPPORTUNITIES FOR EXTERNAL FINANCIAL STATISTICS
					<b>NATALIA NEHREBECKA, NATIONAL BANK OF POLAND</b> TOPIC: FORECASTING THE RECOVERY RATE OF NON-FINANCIAL CORPORATIONS
					<b>JOÃO FALCAO SILVA, CENTRAL BANK OF PORTUGAL</b> TOPIC: USES OF MIRROR DATA: ESTIMATION OF HOUSEHOLD ASSETS AND LIABILITIES WITH BANKS ABROAD
22ND AUGUST 2019	2.00 PM - 3.40 PM	STS-583	GEOSPATIAL INFORMATION FOR INTERNATIONAL STATISTICS	PIETRO GENNARI, FAO	<b>MARIANA KOTZEVA, EUROSTAT</b> TOPIC: IMPLEMENTING A GEOSPATIAL DATA STRATEGY IN THE EUROPEAN STATISTICAL SYSTEM

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>YAKOB MUDESIR SEID, FAO</b> TOPIC: COST-EFFECTIVENESS OF REMOTE SENSING FOR AGRICULTURAL STATISTICS IN DEVELOPING AND TRANSITION COUNTRIES</p> <p><b>COEN BUSSINK, UNODC</b> TOPIC: THE USE OF REMOTE SENSING AND GEOGRAPHIC DATA FOR ESTIMATING THE AREA UNDER OPIUM POPPY CULTIVATION IN MEXICO</p> <p><b>MICHAEL WILD, WORLD BANK</b> TOPIC: ADDRESSING THE ISSUE OF MISSING OR NON-IDEAL SAMPLING FRAMES IN HOUSEHOLD SURVEYS IN DEVELOPING COUNTRIES THROUGH REMOTE SENSING DATA</p>
23RD AUGUST 2019	10.30 AM - 12.30 PM	STS-339	QUALITY ASSURANCE FRAMEWORK WITHIN THE ENTRY POINT OF STATISTICAL OFFICE : STATISTICAL BUSINESS REGISTER AND STATISTICAL ADDRESS REGISTER	ZURAIIDY ZAINAL ABIDIN, DEPARTMENT OF STATISTIC MALAYSIA	<p><b>MUHAMMAD AMRI IDRIS, DEPARTMENT OF STATISTICS MALAYSIA, STATE OF SELANGOR</b> TOPIC: DATABASE LINKAGE IN ENSURING QUALITY OF MALAYSIA STATISTICAL BUSINESS REGISTER</p> <p><b>SHARUDDIN SHAFIE, DEPARTMENT OF STATISTICS MALAYSIA, STATE OF TERENGGANU</b> TOPIC: STATISTICAL ADDRESS REGISTER (SAR)</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>TAKASHI IOKA, STATISTICS PRODUCTION SUPPORT DIVISION OF THE STATISTICS BUREAU, JAPAN</b></p> <p>TOPIC: QUALITY ASSURANCE FRAMEWORK OF THE JAPANESE BUSINESS REGISTER</p>
					<p><b>JOHAN LAMMERS, STATISTICS NETHERLANDS</b></p> <p>TOPIC: BUSINESS REGISTERS AS THE BACKBONE OF STATISTICS; CHALLENGES AND OPPORTUNITIES REGARDING BUSINESS REGISTER AND OUTCOME QUALITY</p>
					<p>DISCUSSANT: <b>WAN MOHD SHAHRULNIZAM BIN WAN MOHD NAJURI, DEPARTMENT OF STATISTICS MALAYSIA, STATE OF JOHOR</b></p>
23RD AUGUST 2019	10.30 AM - 12.30 PM	STS-408	APPLICATION OF STATISTICS AND MACHINE LEARNING TOOLS IN FINANCE AND ACCOUNTING	KULDEEP KUMAR, BOND UNIVERSITY	<p><b>ARVIND SHRIVASTAVA, RESERVE BANK OF INDIA</b></p> <p>TOPIC: TRADE CREDIT – AN EMPIRICAL ANALYSIS OF INDIAN FIRMS</p>
					<p><b>KHALED HALTEH, BOND UNIVERSITY</b></p> <p>TOPIC: INDUSTRY SPECIFIC FINANCIAL DISTRESS PREDICTION MODEL</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>MILIND TIWARI, BOND UNIVERSITY</b> TOPIC: SHELL COMPANIES: IDENTIFICATION OF AN INSTRUMENT USED FOR ILLICIT PURPOSES</p> <p><b>SNEHA RAUT, BOND UNIVERSITY</b> TOPIC: FINANCIAL SOUNDNESS PREDICTION: A STUDY OF REAL ESTATE IN AUSTRALIA</p> <p><b>SUKANTO BHATTACHARYA, DEAKIN UNIVERSITY</b> TOPIC: TBU</p> <p>DISCUSSANT 1: <b>GRACE MUI, THYE AND ASSOCIATE, MALAYSIA</b></p> <p>DISCUSSANT 2: <b>NITIN KUMAR, RESERVE BANK OF INDIA</b></p>
23RD AUGUST 2019	10.30 AM - 12.30 PM	STS-410	RECENT DEVELOPMENT OF DIRECTIONAL STATISTICS WITH APPLICATION	IBRAHIM BIN MOHAMED, UNIVERSITY OF MALAYA, KUALA LUMPUR, MALAYSIA	<p><b>IBRAHIM BIN MOHAMED, UNIVERSITY OF MALAYA</b> TOPIC: THE STUDY ON THE RELATIONSHIP BETWEEN VARIABLES IN MALAYSIAN CRESCENT MOON SIGHTING DATA</p> <p><b>SREENIVAS RAO JAMMALAMADAKA, UNIVERSITY OF CALIFORNIA SANTA BARBARA, USA</b> TOPIC: A GENERAL APPROACH TO OBTAINING WRAPPED CIRCULAR DISTRIBUTIONS</p>



**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>KUNIO SHIMIZU, INSTITUTE OF STATISTICAL MATHEMATICS, TOKYO, JAPAN</b></p> <p>TOPIC: A CONTINUOUS BIVARIATE CIRCULAR DISTRIBUTION AND ITS DISCRETIZATION</p>
					<p><b>ABDUL GHAPOR HUSSIN, NATIONAL DEFENCE UNIVERSITY OF MALAYSIA, KUALA LUMPUR</b></p> <p>TOPIC: A CLUSTERING TECHNIQUE FOR OUTLIERS DETECTION IN LINEAR FUNCTIONAL RELATIONSHIP MODEL FOR CIRCULAR VARIABLES</p>
					<p><b>ADZHAR BIN RAMBLI, MARA UNVIERSITY OF TECHNOLOGY</b></p> <p>TOPIC: A NEW HALF-CIRCULAR DISTRIBUTION ON A CIRCLE</p>
23RD AUGUST 2019	10.30 AM - 12.30 PM	STS-426	STATISTICAL SOLUTION OF ASTROPHYSICAL PROBLEMS	ASIS KUMAR CHATTOPADHYAY, UNIVERSITY OF CALCUTTA	<p><b>ASIS KUMAR CHATTOPADHYAY, UNIVERSITY OF CALCUTTA, INDIA</b></p> <p>TOPIC: CLUSTERING AND CLASSIFICATION OF ASTRONOMICAL OBJECTS : A NEW PARADIGM IN STATISTICS</p>
					<p><b>AYANENDRA NATH BASU, INDIAN STATISTICAL INSTITUTE, KOLKATA</b></p> <p>TOPIC: ROBUST ESTIMATION AND OUTLIER DETECTION FOR ASTRONOMICAL DATA</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>TANUKA CHATTOPADHYAY, UNIVERSITY OF CALCUTTA, INDIA</b></p> <p>TOPIC: STUDY ON STAR FORMATION HISTORY OF NEARBY GALAXIES A BAYESIAN APPROACH</p>
					<p><b>DIDIER FRAIX-BURNET, UNIVERSITY GRENOBLE ALPES</b></p> <p>TOPIC: UNSUPERVISED CLASSIFICATION OF GALAXY SPECTRA AND INTERPRETABILITY</p>
					<p><b>GUILLAUME BELANGER, EUROPEAN SPACE AGENCY (ESAC)</b></p> <p>TOPIC: A STATISTICALLY ROBUST APPROACH TO THE DETECTION OF ASTROPHYSICAL TRANSIENT AND PERIODIC PHENOMENA</p>
23RD AUGUST 2019	10.30 AM - 12.30 PM	STS-436	RECORD VALUE THEORIES AND THEIR APPLICATIONS	MOHAMMAD AHSANULLAH, RIDER UNIVERSITY	<p><b>GANE SAMB LO, GASTON BERGER UNIERSITY, SENEGAL</b></p> <p>TOPIC: TRENDS ON GENERAL THEORY ON RECORDS AND ON OPEN QUESTIONS</p>
					<p><b>MOHAMMAD Z RAQAB, UNIVERSITY OF JORDAN, JORDAN</b></p> <p>TOPIC: INFERENCE FOR THE TWO-PARAMETER BATHTUB-SHAPED DISTRIBUTION BASED ON RECORD DATA</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<b>ISMIHAN BAYRAMOGLU, ISMIR UNIVERSITY OF ECONOMICS, TURKEY</b> TOPIC: TBU
					DISCUSSANT 1: <b>DIAM BA, GASTON BERGER UNIVERSITY, SENEGAL</b>
					DISCUSSANT 2: <b>MOHAMMAD SHAKIL, MIAMI DADE COLLEGE, USA</b>
23RD AUGUST 2019	10.30 AM - 12.30 PM	STS-524	SPECIAL STS: THE FEEDBACK LOOP: IMPACT OF EXCHANGE RATES TO ECONOMIC DATA AND ITS INVERSE	MOHD DZULL FEFRY MOHD BAKRI, PNB	<b>PROF. DATIN PADUKA FATIMAH MOHAMED ARSHAD, UNIVERSITI PUTRA MALAYSIA</b> TOPIC: TBU
					<b>MOHAMMAD BAZLI CHE ROZENAN, PNB</b> TOPIC: TBU
					DISCUSSANT: <b>FRAZIALI ISMAIL, BANK NEGARA MALAYSIA</b>
					DISCUSSANT: <b>SAKTIANDI SAPAAT, MAYBANK</b>
23RD AUGUST 2019	10.30 AM - 12.30 PM	STS-573	E-COMMERCE PLATFORM AND SEARCH ENGINE AS BIG DATA SOURCE: A SIMULATION FOR BETTER ECONOMIC STATISTIC DATA IN INDONESIA	ERLI WIJAYANTI PRASTIWI, STATISTICS INDONESIA (BADAN PUSAT STATISTIK REPUBLIK INDONESIA)	<b>AMANDA PRATAMA PUTRA, BPS - STATISTICS INDONESIA</b> TOPIC: USING BIG DATA FOR ACCOMODATION STATISTICS: A NEW CHALLENGE IN PRODUCING TOURISM STATISTICS

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>CHINDY SAKTIAS PRATIWI, BPS - STATISTICS INDONESIA</b></p> <p>TOPIC: ONLINE PRICE DATA FOR CPI MEASUREMENT IN INDONESIA</p>
					<p><b>RENDRA ACHYUNDA ANUGRAH PUTRA, BPS - STATISTICS INDONESIA (DIRECTORATE OF STATISTIC INFORMATION SYSTEM)</b></p> <p>TOPIC: SEARCH ENGINE AS BIG DATA SOURCE: AN APPROACH FOR MEASURING SUSTAINABLE ECONOMIC WELFARE IN THE DIGITAL AGE</p>
					<p><b>WIDA SIDDHIKARA PERWITASARI, BPS - STATISTICS INDONESIA</b></p> <p>TOPIC: NOWCASTING MODELLING OF VOLATILE AND NON-VOLATILE FOOD PRICES USING CROWDSOURCING DATA (CASE STUDY OF SOME FOOD COMMODITIES PRICES ON LOMBOK ISLAND IN 2015)</p>
					<p>DISCUSSANT: <b>SETIA PRAMANA, POLYTECHNIC STATISTICS STIS JAKARTA</b></p>
23RD AUGUST 2019	10.30 AM - 12.30 PM	STS-700	SPECIAL STS - USING BIG DATA FOR OFFICIAL STATISTICS – THE ASIA AND PACIFIC EXPERIENCE	GEMMA VANHALDEREN, UN ESCAP STATISTICS DIVISION	<p><b>HATAICHANOK PUCKCHARERN, NATIONAL STATISTICS OFFICE, THAILAND</b></p> <p>TOPIC: BIG DATA FOR OFFICIAL STATISTICS IN THAILAND</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>CANDIDO ASTROLOGO, JR., PHILIPPINES STATISTICS AUTHORITY</b>            TOPIC: MEASURING THE RURAL ACCESS INDEX IN THE PHILIPPINES USING ROAD NETWORK DATA AND NIGHTTIME LIGHTS</p> <p><b>SUMAN RAJ ARYAL, CENTRAL BUREAU OF STATISTICS, NEPAL</b>            TOPIC: ACCOMMODATING BIG DATA IN NEPAL: CHALLENGES AND OPPORTUNITIES</p> <p><b>YAJING CONG, NATIONAL BUREAU OF STATISTICS OF CHINA</b>            TOPIC: CHINA'S EXPERIENCE IN THE APPLICATION OF BIG DATA IN OFFICIAL STATISTICS</p> <p>DISCUSSANT: <b>RONALD JANSEN, UN DESA STATISTICS DIVISION</b></p>
23RD AUGUST 2019	2.15 PM - 3.55 PM	STS-353	CHALLENGES AND SOLUTIONS IN ACCELERATED FAILURE TIME (AFT) MODELS FOR TIMETOEVENT DATA ANALYSIS AND PUBLIC HEALTH APPLICATIONS	DIN CHEN, UNIVERSITY OF NORTH CAROLINACHAPEL HILL	<p><b>XINGQIU ZHAO, THE HK POLYTECHNIC UNIVERSITY</b>            TOPIC: SUBGROUP ANALYSIS IN CENSORED LINEAR REGRESSION</p> <p><b>YANYAN LIU, WUHAN UNIVERSITY</b>            TOPIC: MODEL PURSUIT AND VARIABLE SELECTION IN THE ADDITIVE ACCELERATED FAILURE TIME MODEL</p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
					<p><b>HUI ZHAO, CHINA CENTRAL NORMAL UNIVERSITY</b></p> <p>TOPIC: REGRESSION ANALYSIS OF CLUSTERED INTERVAL-CENSORED FAILURE TIME DATA WITH LINEAR TRANSFORMATION MODELS IN THE PRESENCE OF INFORMATIVE CLUSTER SIZE</p> <p>DISCUSSANT: <b>DIN CHEN, UNIVERSITY OF NORTH CAROLINA-CHAPEL HILL</b></p>
23RD AUGUST 2019	2.15 PM - 3.55 PM	STS-427	BAYESIAN COMPUTATION METHODS AND INFERENCE FOR DIFFERENTIAL EQUATION MODELS	JAERYONG LEE, SEOUL NATIONAL UNIVERSITY	<p><b>SARAT C. DASS, UNIVERSITI TEKNOLOGI PETRONAS</b></p> <p>TOPIC: LAPLACE APPROXIMATED POSTERIOR INFERENCE FOR THE SEIR DIFFERENTIAL EQUATION MODEL</p> <p><b>MUHAMMAD JAVVAD UR REHMAN, UNIVERSITI TEKNOLOGI PETRONAS</b></p> <p>TOPIC: EMBEDDED ESTIMATION SEQUENTIAL BAYES LEARNING PROCEDURES IN NONLINEAR NON-GAUSSIAN SYSTEM</p> <p><b>KYOUNGJAE LEE, UNIVERSITY OF NOTRE DAME</b></p> <p>TOPIC: INFERENCE FOR THE SEIR DIFFERENTIAL EQUATION MODELS USING RELAXED DIFFERENTIAL EQUATION MODELS</p> <p>DISCUSSANT: <b>SEONGIL JO, CHONBUK NATIONAL UNIVERSITY</b></p>

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
23RD AUGUST 2019	2.15 PM - 3.55 PM	STS-490	SETTING UP COLLABORATIVE SUPPORT SYSTEMS BETWEEN ACADEMIC INSTITUTIONS TO ENHANCE DELIVERY ON INDUSTRY-INTEGRATED SKILLS DEVELOPMENT PROJECTS	DELIA NORTH, UKZN	<b>TEMESGEN ZEWOTIR, UKZN, SOUTH AFRICA</b>  TOPIC: STATISTICS POSTGRADUATE PROGRAM CAPACITY ENHANCEMENT THROUGH REGIONAL PARTNERSHIP
					<b>MURRAY DE VILLIERS, SAS HEAD OF GLOBAL ACADEMIC PROGRAMS, NORTH CAROLINA, USA</b>  TOPIC: AN INDUSTRY PERSPECTIVE ON ANALYTICS PROGRAMS AT DEGREE GRANTING INSTITUTIONS
					<b>PIETER JURIAAN DE JONGH, NORTH-WEST UNIVERSITY, SOUTH AFRICA</b>  TOPIC: PROFESSIONAL STATISTICIANS / DATA SCIENTISTS: WHO ARE THEY AND HOW DO WE TRAIN THEM?
					<b>GOUTAM CHAKRABORTY, SPEAR'S BUSINESS SCHOOL, OKLAHOMA STATE UNIVERSITY, USA</b>  TOPIC: DELIVERING INDUSTRY-FOCUSED BUSINESS ANALYTICS SKILLS

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
23RD AUGUST 2019	2.15 PM - 3.55 PM	STS-493	VISION ON FUTURE DATA COLLECTION FOR OFFICIAL STATISTICS	MARCEL VAN DER STEEN, STATISTICS NETHERLANDS	<b>IRENE SALEMINK, CBS - THE NETHERLANDS</b> TOPIC: ADVANCED DATA COLLECTION – AN OUTLOOK TO THE FUTURE
					<b>STÉPHANE DUFOUR, STATISTICS CANADA</b> TOPIC: NEW DATA COLLECTION METHODS
					<b>BARRY SCHOUTEN, CENTER FOR BIG DATA STATISTICS (CBS)</b> TOPIC: BIG DATA AT THE HEART OF INNOVATION IN OFFICIAL STATISTICS
23RD AUGUST 2019	2.15 PM - 3.55 PM	STS-497	DIGITAL ECONOMY: THE DEVELOPMENT OF INDUSTRY 4.0	JOO CHIET YONG, DEPARTMENT OF STATISTICS MALAYSIA	<b>MOHD SABERI MOHAMAD, UNIVERSITI MALAYSIA KELANTAN</b> TOPIC: A SYSTEMATIC REVIEW OF NATIONAL AI STRATEGIC PLANS
					<b>NORUL ANISA ABU SAFRAN, DEPARTMENT OF STATISTICS MALAYSIA</b> TOPIC: MEASURING THE DIGITAL ECONOMY: MALAYSIA’S EXPERIENCE
					<b>MARIA DENISE MEDENILLA PEÑA, ASIAN DEVELOPMENT BANK</b> TOPIC: RECORD LINKAGE FOR MULTI-SOURCED STATISTICAL BUSINESS REGISTER DATA



**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
23RD AUGUST 2019	2.15 PM - 3.55 PM	STS-538	ISSUES AND CHALLENGES IN THE MEASUREMENT OF COST OF LIVING - INTERNATIONAL PERSPECTIVES.	RAMESHWAR SRIVASTAVA, THE ROYAL STATISTICAL SOCIETY, UK AND RPS ASSOCIATES & IBRAHIM SORIE YANSANEH, INTERNATIONAL CIVIL SERVICE COMMISSION, UNITED NATIONS, NEW YORK, USA	<b>RAMESHWAR SRIVASTAVA, RPS ASSOCIATES AND THE ROYAL STATISTICAL SOCIETY</b>  TOPIC: COMPILATION OF CONSUMER PRICE INDICES AT THE NATIONAL LEVEL, SOME EXPERIENCES FROM AFRICA, ASIA AND THE CARIBBEAN
					<b>IBRAHIM SORIE YANSANEH, INTERNATIONAL CIVIL SERVICE COMMISSION, UNITED NATIONS, NEW YORK, USA</b>  TOPIC: ISSUES AND CHALLENGES IN THE MEASUREMENT OF COST OF LIVING FOR THE ADJUSTMENT OF SALARIES OF EXPATRIATE OFFICIALS OF INTERNATIONAL ORGANIZATIONS
					<b>PEDRO LUIS DO NASCIMENTO SILVA, THE BRAZILIAN INSTITUTE FOR GEOGRAPHY AND STATISTICS (IBGE)</b>  TOPIC: CHALLENGES AND OPPORTUNITIES FOR COST OF LIVING MEASUREMENT IN THE BIG DATA ERA – PERSPECTIVES FROM BRAZIL

**62<sup>nd</sup> ISI World Statistics Congress 2019 (ISI WSC 2019)**  
**18 – 23 August 2019 in Kuala Lumpur, Malaysia**  
**Special Topic Sessions (STS) Programme Schedule**

DATE	TIME	STS#	SESSION TITLE	ORGANISER / ORGANISATION	NAME/ORGANISATION, TOPIC
23RD AUGUST 2019	2.15 PM - 3.55 PM	STS-566	FORECASTING FOR CURRENCY DEMAND	MASITA, BANK NEGARA MALAYSIA	<b>RICHARD FINLAY, RESERVE BANK OF AUSTRALIA</b>  TOPIC: FORECASTING BANKNOTE DEMAND AT THE RESERVE BANK OF AUSTRALIA
					<b>ILUMINADA TAPIRU SICAT, REGIONAL OPERATIONS SUB-SECTOR EMAIL</b>  TOPIC: FORECASTING CURRENCY DEMAND: THE PHILIPPINE EXPERIENCE
					<b>JONAS GOLTZ, GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH</b>  TOPIC: VOLUME FORECASTING IN THE CASH CYCLE
					<b>DOUG BROOKS, DE LA RUE</b>  TOPIC: FORECASTING DEMAND FOR CURRENCY