

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

DATE	TIME	SESSION NUMBER	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	<p>IMON RAHMATULLAH, BALL STATE UNIVERSITY, USA TOPIC: IDENTIFICATION OF MULTIPLE UNUSUAL OBSERVATIONS IN SPATIAL REGRESSION</p> <p>ABU SAYED MD. AL MAMUN, UNIVERSITY OF RAJSHAHI, BANGLADESH TOPIC: IDENTIFICATION OF HIGH LEVERAGE POINTS IN LINEAR FUNCTIONAL RELATIONSHIP MODEL FOR BIG DATA</p> <p>NOORA NIDHAL SALEH, UNIVERSITY OF AL-QADISIYAH TOPIC: CLASSIFICATION OF BRITISH RAINFALL REGIONS BASED ON SPATIAL DISTANCES</p> <p>YONG ZULINA ZUBAIRI, UNIVERSITY OF MALAYA TOPIC: OUTLIER DETECTION METHOD IN CIRCULAR DATA</p> <p>HASSAN S URAIBI, UNIVERSITY OF AL-QADISIYAH TOPIC: ROBUST VIF-REGRESSION SCREENING FOR BIG DATA</p> <p>DISCUSSANT: ABDELHAMEED ELSHAARAWI, MCMMASTER UNIVERSITY, CANADA</p> <p>CHAIR: ALI S. HADI, AMERICAN UNIVERSITY IN CAIRO, EGYPT</p>
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	<p>VALDONE KASPERIUNIENE, EUROPEAN COMMISSION TOPIC: DEVELOPMENT IN MERCHANDISE TRADE INDICATORS</p> <p>MILA HERTINMALYANA BADAN PUSAT STATISTIK, INDONESIA TOPIC: MIRROR ANALYSIS</p> <p>RONALD JANSEN, UNITED NATIONS STATISTICS DIVISION (UNSD) TOPIC: TRADE IMBALANCES AND TRADE ASYMMETRIES: TWO SIDES OF A COMPLEX RELATION</p> <p>KOK ONN TING, ECONOMIC PLANNING UNIT, MALAYSIA TOPIC: THE RISE OF CHINA AND THE MALAYSIAN ELECTRONICS AND ELECTRICAL SECTOR (A BILATERAL TRADE VIEW)</p> <p>DONALD JAY MARI BERTULFO, ASIAN DEVELOPMENT BANK TOPIC: QUANTIFYING CHINA'S INVOLVEMENT AND PARTICIPATION IN GLOBAL VALUE CHAINS</p>

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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>NEBIL DABUR, SESRIC TOPIC: PRIORITISATION OF SUSTAINABLE DEVELOPMENT GOALS AND EFFORTS OF SESRIC TO SUPPORT STATISTICAL MODERNISATION IN OIC MEMBER COUNTRIES</p> <p>SABIR AL HARBI, GCC STATISTICAL CENTER (GCC-STAT) TOPIC: MODERNISATION OF STATISTICAL SYSTEMS - EXPERIENCES OF GCC-STAT</p> <p>OLA AWAD, PALESTINIAN CENTRAL BUREAU OF STATISTICS TOPIC: MODERNIZATION AND MONITORING SDGS IN AREA OF CONFLICTS OR IN FRAGILE CONDITIONS</p> <p>BELKACEM ABDOUS, HIGH COMMISSION FOR PLANNING, MOROCCO TOPIC: MOROCCO'S EXPERIENCE IN SOUTH/SOUTH COOPERATION AND STATISTICAL CAPACITY BUILDING</p> <p>HEDI SAIDI, NATIONAL INSTITUTE OF STATISTICS OF TUNISIA TOPIC: MODERNIZATION OF THE TUNISIAN STATISTICAL SYSTEM AND ITS IMPACT ON STATISTICAL PRODUCTION FOR SDGS</p> <p>DISCUSSANT: MOHD UZIR MAHIDIN, DEPARTMENT OF STATISTICS MALAYSIA</p> <p>CHAIR: SALEH AL NABIT, MINISTRY OF DEVELOPMENT PLANNING AND STATISTICS</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>BERNADETTE BALAMBAN, PHILIPPINE STATISTICS AUTHORITY TOPIC: THE INDICATOR SYSTEM FOR SUSTAINABLE DEVELOPMENT GOALS (SDGS) MONITORING IN THE PHILIPPINES: ITS CURRENT STATUS</p> <p>JESSA SARITA LOPEZ, UNIVERSITY OF THE PHILIPPINES TOPIC: EXPANDING THE PHILIPPINE INDICATOR SYSTEM FOR SUSTAINABLE DEVELOPMENT GOALS (SDGS) MONITORING THROUGH RESEARCH</p>

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					<p>SABRINA OCAMPO ROMASOC, PHILIPPINE STATISTICAL RESEARCH AND TRAINING INSTITUTE TOPIC: OPERATIONALIZATION AND INSTITUTIONALIZATION OF THE NEWLY DEVELOPED INDICATORS FOR MONITORING THE SUSTAINABLE DEVELOPMENT GOALS (SDGS): THE NEXT STEP</p> <p>MARIA PRAXEDES REYES PEÑA, PHILIPPINE STATISTICAL RESEARCH AND TRAINING INSTITUTE TOPIC: COLLABORATIVE ARRANGEMENTS IN PROMOTING THE SUSTAINABLE DEVELOPMENT GOALS (SDGS) AT THE LOCAL LEVEL</p> <p>DISCUSSANT: ARTURO MARTINEZ, ASIAN DEVELOPMENT BANK DISCUSSANT: WILMA ASCANO GUILLEN, PHILIPPINE STATISTICS AUTHORITY CHAIR: JOSEFINA VENEGAS ALMEDA, PHILIPPINE STATISTICAL RESEARCH AND TRAINING INSTITUTE</p>
19TH AUGUST 2019	10.30 AM - 12.30 PM	STS-523	ADMINISTRATIVE DATA AS ALTERNATIVE AND RELIABLE SOURCES OF OFFICIAL STATISTICS	SHAZURA ZAINOL ABIDIN, BANK NEGARA MALAYSIA	<p>SITI HASLINDA MOHD. DIN, DEPARTMENT OF STATISTICS MALAYSIA TOPIC: USE OF ADMINISTRATIVE DATA AS AN ALTERNATIVE SOURCE OF OFFICIAL STATISTICS: OPPORTUNITIES AND CHALLENGES</p> <p>SHAZURA ZAINOL ABIDIN, BANK NEGARA MALAYSIA TOPIC: HARNESSING THE VALUE OF ADMINISTRATIVE DATA: A CENTRAL BANK'S EXPERIENCE</p> <p>FARID AHMAD, SURUHANJAYA SYARIKAT MALAYSIA TOPIC: SOURCING OF ADMINISTRATIVE RECORD FOR OFFICIAL COMPILERS</p> <p>DISCUSSANT: KENNETH SIMLER, WORLD BANK GROUP CHAIR: NURHISHAM HUSSEIN, EMPLOYEES PROVIDENT FUND</p>

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19TH AUGUST 2019	10.30 AM - 12.30 PM	STS-564	SPECIAL STS: INTEGRATING MICRO- AND MACRO-DATA FOR BETTER CREDIT ASSESSMENT	ERIC CHIN, CTOS DATA SYSTEMS SDN BHD	<p>ROSNIZAM SAARI, BANK NEGARA MALAYSIA TOPIC: CCRIS AND ITS ROLE IN PROMOTING FINANCIAL STABILITY</p> <p>ERIC CHIN, CTOS DATA SYSTEMS SDN BHD TOPIC: DEVELOPING A WORLD-CLASS CREDIT REPORTING INDUSTRY IN MALAYSIA: CHALLENGES AND THE WAY FORWARD</p> <p>VINCENT MOK, ALLIANCE BANK BERHAD TOPIC: CREDIT ASSESSMENT: FROM A CREDIT PROVIDER'S PERSPECTIVE</p> <p>CHAIR: DENNIS MARTIN, CTOS HOLDINGS SDN BHD</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>ROSS STEWART SPARKS, CSIRO, AUSTRALIA TOPIC: AN APPROACH TO MONITORING MULTIVARIATE TIME BETWEEN EVENTS</p> <p>ELISAVET NIKA, ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS, GREECE TOPIC: MONITORING PHARMACEUTICAL EXPENDITURES USING SPM TECHNIQUES</p> <p>INEZ MARIA ZWETSLOOT, CITY UNIVERSITY OF HONG KONG, HONG KONG TOPIC: CONTROLLING DATA QUALITY IN THE PRESENCE OF MISSING DATA USING MULTIVARIATE CONTROL CHARTS</p> <p>ROB GOEDHART, UNIVERSITY OF AMSTERDAM, NETHERLANDS TOPIC: STATISTICAL CONTROL OF SHEWHART CONTROL CHARTS</p> <p>VASSILIS PLAGIANAKOS, UNIVERSITY OF THESSALY, GREECE TOPIC: HEALTHCARE FRAUD DETECTION USING MACHINE LEARNING APPROACHES</p> <p>DISCUSSANT: KWOK TSUI, CITY UNIVERSITY OF HONG KONG, HONG KONG</p> <p>CHAIR: SOTIRIS BERSIMIS, UNIVERSITY OF PIRAEUS, GREECE</p>

62nd ISI World Statistics Congress 2019 (ISI WSC 2019)
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19TH AUGUST 2019	2.00 PM - 3.40 PM	STS-422	INNOVATIVE APPROACHES IN MEASURING FINANCIAL INCLUSION	ZARINA ABD RAHMAN, BANK NEGARA MALAYSIA	<p>ZARINA ABD RAHMAN, BANK NEGARA MALAYSIA TOPIC: STATE OF FINANCIAL INCLUSION IN MALAYSIA</p> <p>DAMOLA OWOLADE, INSIGHT 2 IMPACT TOPIC: INNOVATIVE APPROACHES IN MEASURING FINANCIAL INCLUSION - LINKING SURVEY AND ADMINISTRATIVE DATA</p> <p>ROBIN GRAVESTEIJN, UNCDF TOPIC: USING BIG DATA TO ADVANCE WOMEN'S FINANCIAL INCLUSION: EXAMINING CUSTOMER JOURNEYS AT FINANCIAL INSTITUTIONS IN CAMBODIA</p> <p>DISCUSSANT: LUIS TREVINO, AFI</p>
19TH 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>FREDERICK KIN HING PHOA, ACADEMIA SINICA TOPIC: A TWO-STEP MODERN APPROACH FOR QUANTIFYING THE RELATIONSHIP AMONG DIFFERENT SUBJECTS IN THE WEB OF SCIENCE DATABASE</p> <p>KEISUKE HONDA, INSTITUTE OF STATISTICAL MATHEMATICS TOPIC: CLUSTERING OF RESEARCH SUBJECT BASED ON STOCHASTIC BLOCK MODEL</p> <p>LIVIA LIN-HSUAN CHANG, INSTITUTE OF STATISTICAL MATHEMATICS TOPIC: AN EMPIRICAL AND A DATA-DRIVEN ANALYSES ON THE SCIENTIFIC ARTICLE CITATION NETWORK</p> <p>YUJI MIZUKAMI, NIHON UNIVERSITY TOPIC: QUANTITATIVELY ANALYZE THE CAPABILITY OF THE ORGANIZATION: ESTIMATING THE CAPABILITY TO INDUCE INNOVATION BASED ON CO-AUTHOR INFORMATION OF ARTICLES</p> <p>CHAIR: JUNJI NAKANO, INSTITUTE OF STATISTICAL MATHEMATICS</p>

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18 – 23 August 2019 in Kuala Lumpur, Malaysia
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19TH AUGUST 2019	2.00 PM - 3.40 PM	STS-509	DEVELOPING SUCCESSFUL PARTNERSHIPS FOR CAPACITY-BUILDING IN CIVIL REGISTRATION AND VITAL STATISTICS TO MEET THE NEEDS OF THE SDGS	STEPHAN KRISCHE, GOPA	<p>MATTHEW SHEARING, GOPA TOPIC: THE IMPORTANCE OF CRVS TO AGENDA 2030 AND THE CHALLENGES OF FORMING EFFECTIVE PARTNERSHIPS FOR THEIR DEVELOPMENT</p> <p>LISA GRACE BERSALES, NATIONAL STATISTICIAN, PHIPPINES STATISTICS AUTHORITY TOPIC: TBA</p> <p>DISCUSSANT: JAAP VAN DER STRAATEN, CIVIL REGISTRATION CENTRE FOR DEVELOPMENT CRC4D</p> <p>DISCUSSANT: HAISHAN FU, WORLD BANK</p> <p>CHAIR: TOMAS AFRICA, INDEPENDENT - EX CIVIL REGISTRAR GENERAL, THE PHILIPPINES</p>
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	EDSEL A PENA, UNIVERSITY OF SOUTH CAROLINA	<p>SOMNATH DATTA, UNIVERSITY OF FLORIDA TOPIC: PERSONALIZED TREATMENT SELECTION FOR JOINT OPTIMIZATION OF SURVIVAL AND OTHER OUTCOMES</p> <p>ANANDA SEN, UNIVERSITY OF MICHIGAN TOPIC: A BAYESIAN JOINT MODEL UNDER COMPETING RISKS</p> <p>SANJIB BASU, UNIVERSITY OF ILLINOIS AT CHICAGO TOPIC: JOINT MODELING OF CORRELATED LONGITUDINAL MEASURES AND A TIME-TO-EVENT OUTCOME WITH LIMITED FAILURE</p> <p>EDSEL ALDEA PENA, UNIVERSITY OF SOUTH CAROLINA TOPIC: JOINT MODELING OF COMPETING RECURRENT EVENTS, LONGITUDINAL MARKER, AND A TERMINAL EVENT</p> <p>CHAIR: PIAOMU LIU, BENTLEY UNIVERSITY, WALTHAM, MA, U.S.A</p>

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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>MUHAMMAD KHAIRUL MUIZZ ABD AZIZ, BANK NEGARA MALAYSIA TOPIC: EFFECTIVENESS OF POLICIES TO ADDRESS HOUSEHOLD INDEBTEDNESS: EVIDENCE FROM CREDIT REGISTRY DATA IN MALAYSIA</p> <p>LUIS TELES DIAS, BANK OF PORTUGAL TOPIC: THE NEW PORTUGUESE CENTRAL CREDIT REGISTER: A POWERFUL TOOL FOR A CENTRAL BANK</p> <p>VERONICA BATALLONES BAYANGOS, CENTRAL BANK OF THE PHILIPPINES TOPIC: HAVE DOMESTIC PRUDENTIAL POLICIES BEEN EFFICIENT: PRELIMINARY INSIGHTS FROM BANKLEVEL PROPERTY LOAN DATA IN THE PHILIPPINES</p> <p>DISCUSSANT: JEAN-MARC ISRAEL, EUROPEAN CENTRAL BANK</p>
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	<p>TERESITA EVELINA TERÁN, FACULTY OF VETERINARY SCIENCES, UNIVERSIDAD NACIONAL DE ROSARIO-ARGENTINA TOPIC: STATISTICAL LITERACY IN THE DIGITAL AGE IN ARGENTINA</p> <p>PALI JOBO LEHOHLA, UNIVERSITY OF JOHANNESBURG TOPIC: THE ELEPHANT IN THE CLOUD</p> <p>HAISHAN FU, WORLD BANK TOPIC: TBU</p> <p>CHAIR: STEVE MACFEELY, UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT</p>
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	<p>JIANHUA HUANG, WECHAT PAY MALAYSIA SDN. BHD. TOPIC: AGE OF PERSON CREDIT SCORE</p> <p>ADRIAN BURTON, ADA (ANALYTICS, DATA, ADVERTISING), AXIATA DIGITAL SERVICES TOPIC: LEVERAGING ON DATA & ANALYTICS TO IMPROVE THE ADOPTION OF E-WALLET AND FINANCIAL SERVICES</p>

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18 – 23 August 2019 in Kuala Lumpur, Malaysia
Special Topic Sessions (STS) Programme Schedule

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19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-423	MODERNISATION OF AGRICULTURAL STATISTICS	JOHAN SELENIUS, EUROSTAT	<p>YLVA ANDRIST RANGEL, STATISTICS SWEDEN TOPIC: NEW TOOLS FOR DATA COLLECTION IN SWEDISH SURVEYS ON USE OF FERTILISERS AND ANIMAL MANURE AND CULTIVATION MEASURES IN AGRICULTURE</p> <p>CHRISTINE WIRTZ, EUROSTAT TOPIC: THE ROLE OF EUROSTAT IN MODERNIZING AGRICULTURAL STATISTICS</p> <p>FRANCESCO TUBIELLO, FAO TOPIC: REMOTE SENSING AND GEOSPATIAL TECHNOLOGY IN MEASURING AND MONITORING OF AGRO-ENVIRONMENTAL INDICATORS FOR SUSTAINABLE AGRICULTURE</p> <p>HUBERT HAMER, NATIONAL AGRICULTURAL STATISTICS SERVICE, USA TOPIC: GEOSPATIAL TOOLS FOR ACREAGE ESTIMATION AND DISASTER ASSESSMENT</p> <p>CHAIR: EDUARDO BARREDO-CAPELOT, EUROSTAT</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>BORIS HOFMANN, BANK FOR INTERNATIONAL SETTLEMENTS TOPIC: TBU</p> <p>PATRICIA M STAAB, DEUTSCHE BUNDESBANK 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>EKATERINA PROKUNINA, CENTRAL BANK OF THE RUSSIAN FEDERATION TOPIC: CREATING INTEGRATED DATA WORLD WITHIN THE BANK OF RUSSIA</p>

62nd ISI World Statistics Congress 2019 (ISI WSC 2019)
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					<p>ALIDA MARIA DE BEER, SOUTH AFRICAN RESERVE BANK TOPIC: BUILDING A STANDARDIZED TAXONOMY BETWEEN FINANCIAL REPORTING AND MACROECONOMIC STATISTICS – A SOUTH AFRICAN PERSPECTIVE</p> <p>ARIE JAN BOS, NETHERLANDS BANK TOPIC: HEADING FOR HARMONIZATION OF DATA COLLECTION CHAIR: FERNANDO ALBERTO ROCHA, CENTRAL BANK OF BRAZIL</p>
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	<p>JUKKA HOFFRÉN, STATISTICS FINLAND TOPIC: THE DEVELOPMENT OF NATIONAL REPORTING PLATFORM FOR GLOBAL SDG INDICATORS IN FINLAND</p> <p>MACIEJ TRUSZCZYNSKI, STATISTICS DENMARK TOPIC: COLLABORATION ON SDG-DATA BETWEEN NATIONAL STAKEHOLDER GROUPS</p> <p>KARIN ALICIA OLOVSDOTTER HANSSON, STATISTIC SWEDEN TOPIC: COORDINATED COMMUNICATION FOR BETTER FOLLOW-UP OF THE 2030 AGENDA IN SWEDEN CHAIR: HELI LEENA MARJATTA MIKKELÄ, STATISTICS FINLAND</p>
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-462	YOUTH EMPOWERMENT FOR SUSTAINABLE URBAN DEVELOPMENT	MARKANDEY RAI, UN-HABITAT	<p>GUENTER OTTO KARL, UN-HABITAT TOPIC: YOUTH EMPLOYMENT AND EMPOWERMENT</p> <p>NOOR MD. LARIK, STATISTICAL OFFICE ISLAMABAD, PAKISTAN TOPIC: STATISTICS FOR HELPING THE YOUTH IN BIG CITIES IN PAKISTAN WITH GENDER DIMENTION</p> <p>ARUN KUMAR SINHA, CENTRAL UNIVERSITY BIHAR, PATNA, INDIA TOPIC: YOUTH EMPOWERMENT AND SUSTAINABLE URBAN DEVELOPMENT DISCUSSANT: GORA MBUP, GORA</p>

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18 – 23 August 2019 in Kuala Lumpur, Malaysia
Special Topic Sessions (STS) Programme Schedule

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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	WEI-YIN LOH, UNIVERSITY OF WISCONSIN-MADISON TOPIC: THE GUIDE APPROACH DISCUSSANT: FOO HOONG LEONG, PERSISTENT SYSTEMS MALAYSIA SDN. BHD. DISCUSSANT: SENG HUAT ONG, UNIVERSITY OF MALAYA CHAIR: TSUNG FEI KHANG, UNIVERSITY OF MALAYA
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	HABSHAH MIDI, UNIVERSITI PUTRA MALAYSIA TOPIC: ANALYSING AIR QUALITY DATA IN AN INDUSTRIAL AREA IN MALAYSIA USING SEVERAL ROBUST METHODS DR HOSSEIN RIAZOSHAM, LAMERD ISLAMIC AZAD UNIVERSITY, IRAN TOPIC: STATISTICAL MODELING OF ATMOSPHERIC GAS CONSUMPTION USING ROBUST METHODS MAZNI MOHAMAD, UNIVERSITY TECHNOLOGY MARA TOPIC: AN APPLICATION OF PARTIAL ROBUST-M REGRESSION (PRM) BASED METHODS IN PREDICTING SURFACE OZONE (O ₃) CONCENTRATION LEVELS SYAIBA BALQISH ARIFFIN, UNIVERSITY PUTRA MALAYSIA TOPIC: AN IMPROVISATION OF WEIGHTED BIANCO AND YOHAI ESTIMATOR FOR ANALYZING ENVIRONMENTAL DATA HAVING HIGH LEVERAGE INFLUENTIAL OBSERVATIONS CHAIR: SOHEL RANA, EAST WEST UNIVERSITY, DHAKA, BANGLADESH
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	ANDREAS BASSE-O`CONNOR, AARHUS UNIVERSITY, DENMARK TOPIC: FUNCTIONAL APPROXIMATION OF INFINITELY DIVISIBLE PROCESSES WITH APPLICATIONS GENNDADY SAMORODNITSKY, CORNELL UNIVERSITY, USA TOPIC: EXTREMA OF LONG RANGE DEPENDENT INFINITELY DIVISIBLE RANDOM FIELDS

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18 – 23 August 2019 in Kuala Lumpur, Malaysia
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					JAN ROSINSKI, UNIVERSITY OF TENNESSEE KNOXVILLE, USA TOPIC: INFINITELY DIVISIBLE PROCESSES THEIR RANDOM TRANSLATIONS
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	SOPHIE DABO-NIANG, UNIVERSITY OF LILLE, FRANCE TOPIC: GENERALIZED PARTIALLY LINEAR SPATIAL PROBIT MODELS AND APPLICATIONS NOUREDDINE RHOMARI, UNIVERSITY MOHAMED 1ER, OUJDA, MOROCCO TOPIC: ON NONPARAMETRIC ESTIMATION OF RELATIVE RISK FUNCTION PATRICE BERTAIL, UNIVERSITY OF NANTERRE, FRANCE TOPIC: ROBUST ESTIMATORS FOR SOME PIECEWISE DETERMINISTIC MARKOV PROCESSES RONALD VAN NOOYEN, DELFT UNIVERSITY OF TECHNOLOGY TOPIC: HOW HARD IS IT TO DETECT ABRUPT CHANGES IN THE STATISTICS OF TIME SERIES? CHAIR: ANNE-FRANÇOISE YAO, UNIVERSITY OF CLERMONT FERRAND, FRANCE
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	RAINER HERMANN KURZ, CUBIKS GROUP LIMITED (UK) TOPIC: CROSS-VALIDATION OF A POTENTIAL MODEL AND DEVELOPMENT OF A PEOPLE ANALYTICS ASSESSMENT SOLUTION KOK MUN YEE, GLOBAL PSYTECH SDN. BHD. TOPIC: EXPLORATORY STUDY OF KEY TRAITS FOR THE FOURTH INDUSTRIAL REVOLUTION AMONG EMPLOYEES OF FINANCIAL INSTITUTIONS IN MALAYSIA JAMES HOURAN, AETHOS CONSULTING GROUP (USA) TOPIC: USING COVERT RESPONSE BIASES IN PSYCHOMETRIC ASSESSMENTS FOR IMPROVED JOB CANDIDATE INTERVIEWS: AN EXAMPLE WITH HOSPITALITY ROLES

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					DISCUSSANT: RENSE LANGE, GLOBAL PSYCHTECH (MALAYSIA) CHAIR: MOHAMAD FAEZ MOHAMAD ALI, BANK NEGARA MALAYSIA
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-567	EFFECTIVE COMMUNICATION: WHAT EVERY YOUNG STATISTICIAN SHOULD KNOW	HOWLADER TAMANNA, UNIVERSITY OF DHAKA	LOUISE M RYAN, UNIVERSITY OF TECHNOLOGY SYDNEY TOPIC: THE ART OF COMMUNICATION - KNOW THINE AUDIENCE! JOHN BAILER, MIAMI UNIVERSITY TOPIC: WORKING WITH JOURNALISTS TO DISCUSS AND REPORT STATISTICAL WORK EMI TANAKA, THE UNIVERSITY OF SYDNEY TOPIC: WHAT CAN SOCIAL MEDIA DO FOR ACADEMIC AND PROFESSIONAL STATISTICIANS? CHAIR: JANE L HUTTON, DEPARTMENT OF STATISTICS, THE UNIVERSITY OF WARWICK, UK
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-577	RECENT ADVANCES IN STATISTICS AND COMPUTATION	NOR AISHAH HAMZAH, UNIVERSITY OF MALAYA	MAHDI ROOZBEH, SEMNAN UNIVERSITY, IRAN TOPIC: IMPROVED ROBUST RANK-BASED TEST STATISTIC IN HIGH-DIMENSIONAL REGRESSION MODEL NOR AKMA IBRAHIM, UNIVERSITI PUTRA MALAYSIA TOPIC: JOINT MODELLING OF LONGITUDINAL 3MS SCORES AND SURVIVAL FOR COGNITIVELY IMPAIRED INDIVIDUAL MD. SABIRUZZAMAN, DEPARTMENT OF STATISTICS, UNIVERSITY OF RAJSHAHI TOPIC: PERFECTION OF VOLATILITY PREDICTION WITH TIME SCALE INFORMATION USING WAVELET TRANSFORMATION K.M SAKTHIVEL, BHARATHIAR UNIVERSITY TOPIC: A ROLE OF STATISTICAL MODELS IN THE ERA OF ARTIFICIAL INTELLIGENCE

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-578	ADVANCES IN STATISTICS AND MACHINE LEARNING FOR FINANCE	BRUNO DUPIRE, BLOOMBERG L.P.	BRUNO DUPIRE, BLOOMBERG L.P. TOPIC: MACHINE LEARNING FOR FINANCE ARUN VERMA, BLOOMBERG L.P. TOPIC: QUANTAMENTAL MODELS FOR INVESTING AAKRITI MITTAL, BLOOMBERG L.P. TOPIC: CORRELATIONS IN ASYNCHRONOUS MARKETS DISCUSSANT: ALEXANDRE ALESI, BLOOMBERG L.P. CHAIR: DANIEL EVE, BLOOMBERG L.P.
19TH AUGUST 2019	4.00 PM - 5.40 PM	STS-592	RECENT ISSUES IN ACTUARY AND ECONOMICS	MOHD AZMI HARON, UNIVERSITY OF MALAYA	MOHD AZMI HARON, UNIVERSITY OF MALAYA TOPIC: INSOLVENCY RISK MODELS AND CAPITAL ADEQUACY RULES FOR BANKING SYSTEM AISHANUDDIN A.J, UNIVERSITI TEKNOLOGI MARA TOPIC: MEASUREMENT AND MODELING OF MORAL HAZARD ON EQUITY CONTRACTS IN INVESTMENT FINANCING MICHEAL YAP HECK WEI, MAYBANK MALAYSIA TOPIC: ON THE GROWTH AND COMPETITIVE EFFECTS OF CONSTANT MARKET SHARE ANALYSIS
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	BAGUS SARTONO, BOGOR AGRICULTURAL UNIVERSITY, INDONESIA TOPIC: ACTIVE EFFECTS SELECTION WITH CONSIDERING HEREDITY PRINCIPLE IN MULTIFACTOR EXPERIMENT DATA ANALYSIS ARIEF GUSNANTO, UNIVERSITY OF LEEDS TOPIC: SPARSE-SMOOTHED METHOD FOR VARIABLE SELECTION IN HIGHDIMENSIONAL DATA ANALYSIS AGUS SALIM, LA TROBE UNIVERSITY & BAKER INSTITUTE FOR HEART AND DIABETES, AUSTRALIA TOPIC: POWERFUL DIFFERENTIAL EXPRESSION ANALYSIS INCORPORATING NETWORK TOPOLOGY FOR NEXTGENERATION SEQUENCING DATA

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					CHAIR: ANANG KURNIA, BOGOR AGRICULTURAL UNIVERSITY, INDONESIA
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	FIONN MURTAGH, UNIVERSITY OF HUDDERS FIELD, UK TOPIC: DATA SCIENCE AND THE BIG DATA FRAMEWORK FOR DEVELOPMENT AND TO BENEFIT FROM DISRUPTIVE TECHNOLOGY ADVANCES MOHSEN FARID, UNIVERSITY OF DERBY, UK TOPIC: HOW CAN BIG DATA ANALYTICS PREDICT PSYCHIATRIC MORBIDITY OF CANCER PATIENTS? ASMA ADNANE, UNIVERSITY OF LOUGHBOROUGH, UK TOPIC: ANALYSIS OF BLOCKCHAIN FOR HEALTHCARE APPLICATIONS KARINA GIBERT, BEA SEVILLA-VILLANUEVA, MIQUEL SÀNCHEZ-MARRÈ TOPIC: DIET4YOU: A PERSONAL INTELLIGENT ASSISTANT FOR DIETS INTEGRATING DATA SCIENCE MARCELLO TROVATI, EDGE HILL UNIVERSITY, UK TOPIC: PREDICTION OF A&E ATTENDANCE BASED ON REAL-TIME SOCIAL MEDIA FEEDS PASSANT EL-KAFRAWY, FACULTY OF SCIENCE, MENOFIA UNIVERSITY, EGYPT TOPIC: A SURVEY OF MACHINE LEARNING ALGORITHMS FOR EFFICIENT BIOMARKERS IDENTIFICATION FROM ERYTHROCYTES DYNAMIC ANTIGENS STORE
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	OLALEKAN KAZEEM OBISESAN, UNIVERSITY OF IBADAN TOPIC: EXTREME VALUE MODELLING WITH RAINFALL DISTRIBUTION JOHNSON FUNMINIYI OJO, UNIVERSITY OF IBADAN TOPIC: MODELLING VEHICULAR EMISSION IN NIGERIA

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					<p>OLAWALE BASHEER AKANBI, UNIVERSITY OF IBADAN TOPIC: MODELLING PREVALENCE OF ENVIRONMENTAL HEALTH DISEASE AMONG UNDERGRADUATE STUDENTS OF THE UNIVERSITY OF IBADAN, NIGERIA: A ML APPROACH</p> <p>EBUN ADEGBOLA DOSUMU, UNIVERSITY OF IBADAN TOPIC: CHANGEPOINT ANALYSIS OF RAINFALL AMOUNT ACROSS CLIMATIC ZONES IN NIGERIA</p> <p>OLUWASEUN AYOBAMI ADESINA, THE POLYTECHNIC, IBADAN TOPIC: MULTIVARIATE MODELLING OF WATER QUALITY PARAMETERS IN NIGERIA</p>
20TH AUGUST 2019	10.30 AM - 12.30 PM	STS-459	STATISTICAL METHODS AND APPLICATIONS	BEE WAH YAP, UNIVERSITI TEKNOLOGI MARA, MALAYSIA	<p>XINYING CHEW, UNIVERSITI SAINS MALAYSIA TOPIC: ADAPTIVE CONTROL CHART WITH RUN RULES FOR MULTIVARIATE COEFFICIENT OF VARIATION INTEGRATING ADVANCED DATA VISUALIZATION PLATFORM FOR SUSTAINABLE MANUFACTURING</p> <p>CHEW PENG GAN, SUNWAY UNIVERSITY, MALAYSIA TOPIC: THE EFFECTS OF MACROECONOMIC VARIABLES ON FUTURE CREDIT RATINGS</p> <p>WAN FAIROS WAN YAACOB, UNIVERSITI TEKNOLOGI MARA, KAMPUS KELANTAN, MALAYSIA TOPIC: STATISTICAL MODEL FOR COUNT DATA AND ITS EXTENSION OF PANEL COUNT</p> <p>NORSHAHIDA SHAADAN, UNIVERSITI TEKNOLOGI MARA, MALAYSIA TOPIC: PROBABILITY DISTRIBUTION MODEL FOR PREDICTING OZONE (O₃) EXCEEDANCES AT TWO AIR QUALITY MONITORING SITES IN MALAYSIA DURING DRY SEASON</p> <p>DISCUSSANT: NURULKAMAL MASSERAN, UNIVERSITI KEBANGSAAN MALAYSIA</p> <p>CHAIR: BEE WAH YAP, UNIVERSITI TEKNOLOGI MARA, MALAYSIA</p>

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

DATE	TIME	SESSION NUMBER	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	<p>LETICIA L. RAMIREZ RAMIREZ, CIMAT, GUANAJUATO, MEXICO TOPIC: ON THE USE OF SURROGATE MODELS TO SPEED THE ABC INFERENCE FOR EPIDEMIC MODELS IN NETWORKS.</p> <p>MONICA PIRANI, IMPERIAL COLLEGE LONDON, UK TOPIC: ASSESSING THE ACUTE HEALTH EFFECTS OF APPORTIONED POLLUTANT MIXTURES</p> <p>GARYFALLOS KONSTANTINOUDIS, UNIVERSITY OF BERN, INSTITUTE OF SOCIAL AND PREVENTIVE MEDICINE, SWITZERLAND TOPIC: DISCRETE VERSUS CONTINUOUS DOMAIN MODELS FOR DISEASE MAPPING AND APPLICATIONS ON CHILDHOOD CANCERS</p> <p>PATRICK E BROWN, UNIVERSITY OF TORONTO TOPIC: AIR QUALITY, MORTALITY, AND THE INDIAN MILLION DEATHS STUDY</p> <p>DISCUSSANT: GIANLUCA BAIO, UNIVERSITY COLLEGE LONDON</p>
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	<p>DANILO LEIVA-LEON, BANK OF SPAIN TOPIC: MARKOV-SWITCHING THREE-PASS REGRESSION FILTER</p> <p>KATHERINE TUCK, TREASURY DEPARTMENT TOPIC: FORECASTING HOUSEHOLD CONSUMPTION COMPONENTS: A FORECAST COMBINATION APPROACH</p> <p>MATTEO MOGLIANI, BANK OF FRANCE TOPIC: BAYESIAN MIDAS PENALIZED REGRESSIONS: ESTIMATION, SELECTION, AND PREDICTION</p> <p>KYLE HOOD, U.S. BUREAU OF ECONOMIC ANALYSIS TOPIC: COMBINATION NOWCASTS OF ADVANCE ESTIMATES OF PRIVATE CONSUMPTION OF SERVICES IN THE U.S. NATIONAL ACCOUNTS</p> <p>CHAIR: BAOLINE CHEN, U.S. BUREAU OF ECONOMIC ANALYSIS</p>

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

DATE	TIME	SESSION NUMBER	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	<p>PIERO DEMETRIO FALORSI, ISTAT TOPIC: POPULATION COVERAGE SURVEY SAMPLING IN THE NEW ITALIAN REGISTER BASED CENSUS</p> <p>PETER JONES, OFFICE FOR NATIONAL STATISTICS TOPIC: DEVELOPING AN INTEGRATED SURVEY FOR ADMIN BASED POPULATION ESTIMATES AND LABOUR MARKET STATISTICS</p> <p>SHAODAN (ANNA) LIN, STATS NZ TOPIC: RECENT PROGRESS ON IMPLEMENTING A BAYESIAN APPROACH TO POPULATION ESTIMATION FROM AN ADMINISTRATIVE LIST SUBJECT TO UNDER AND OVER-COVERAGE</p> <p>DAVIDE DI CECCO, ISTAT TOPIC: POPULATION SIZE ESTIMATION FROM INCOMPLETE MULTISOURCE LISTS: A BAYESIAN PERSPECTIVE ON LATENT CLASS MODELLING</p> <p>DISCUSSANT: LI-CHUN ZHANG, UNIVERSITY OF SOUTHAMPTON AND STATISTICS NORWAY</p> <p>CHAIR: JAMES J BROWN, UNIVERSITY OF TECHNOLOGY SYDNEY</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>ALI S. HADI, AMERICAN UNIVERSITY OF CAIRO TOPIC: ON THE IDENTIFICATION AND HANDLING OF OUTLIERS IN COMPOSITE INDEX NUMBERS</p> <p>DR. MOHAMED ALI ISMAIL, CAIRO UNIVERSITY TOPIC: COMPOSITE INDICES AND TRADITIONAL DATA: THE GLOBAL KNOWLEDGE INDEX</p> <p>BRUNO RODRIGUES, PWC TOPIC: FUTURE OF KNOWLEDGE – REAL TIME DATA</p> <p>DISCUSSANT: HANY TORKY, UNITED NATIONS DEVELOPMENT PROGRAMME</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
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	SUSWANDI, BADAN PUSAT STATISTIK, INDONESIA (BPS) TOPIC: TBU RAGHEED IMAN MOGHRABI, RAFIK HARIRI UNIVERSITY, LEBANON TOPIC: TBU DISCUSSANT: MOHAMMAD SALIM AL MAMUN, ISLAMIC FINANCIAL SERVICES BOARD (IFSB) DISCUSSANT: OMAR HAKOUZ, UNITED NATIONS ECONOMIC & SOCIAL COMMISSION FOR WESTERN ASIA (UNESCWA) CHAIR: AZKAN HASAN, INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM)
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	ARIFAH BAHAR, UNIVERSITI TEKNOLOGI MALAYSIA TOPIC: MODELING LONG MEMORY STOCHASTIC VOLATILITY OF CRUDE PALM OIL PRICE NURIRIAWAN, INSTITUT TEKNOLOGI SEPULUH NOPEMBER, SURABAYA, INDONESIA TOPIC: ON MONITORING STOCK PRICE MOVEMENTS USING MARKOV SWITCHING MODEL ZAITUL MARLIZAWATI ZAINUDDIN, UTM-CENTRE FOR INDUSTRIAL AND APPLIED MATHEMATICS, UNIVERSITI TEKNOLOGI MALAYSIA TOPIC: TWO-STAGE STOCHASTIC PROGRAMMING APPROACH FOR OIL REFINERY PRODUCTION PLANNING DISCUSSANT: NORHAIZA AHMAD, UNIVERSITI TEKNOLOGI MALAYSIA CHAIR: FADHILAH YUSOF, UNIVERSITI TEKNOLOGI MALAYSIA
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	SITI ASIAH AHMAD, MALAYSIAN BUREAU OF LABOUR STATISTICS, DOSM TOPIC: THE NEED TO DEVELOP LABOUR ACCOUNT IN MALAYSIA: AN ASSESSMENT

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					<p>FARHAD MEHRAN, INDEPENDENT CONSULTANT TOPIC: THE DEVELOPMENT OF LABOUR ACCOUNTS IN IRAN: COMPARISON WITH AUSTRALIA AND DENMARK</p> <p>NORALIZA MOHAMAD ALI, MANPOWER & SOCIAL STATISTICS DIVISION, DOSM TOPIC: LABOUR SUPPLY STATISTICS: CHALLENGES & WAY FORWARD</p> <p>DISCUSSANT: TITE HABİYAKARE, INTERNATIONAL LABOUR ORGANISATION</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>HIDEATSU TSUKAHARA, SEIJO UNIVERSITY TOPIC: A COPULA APPROACH TO SPATIAL ECONOMETRICS WITH APPLICATIONS TO FINANCE</p> <p>YOSHIHIRO YAJIMA, TOHOKU UNIVERSITY TOPIC: ON GAUSSIAN SEMIPARAMETRIC ESTIMATORS FOR TWO-DIMENSIONAL INTRINSIC STATIONARY RANDOM FIELDS</p> <p>TAKAKI SATO, TOHOKU UNIVERSITY TOPIC: SPATIAL EXTENSION OF GARCH MODELS FOR HIGH DIMENSIONAL FINANCIAL TIME SERIES</p> <p>GIGIH FITRIANTO, HIROSHIMA UNIVERSITY OF ECONOMICS TOPIC: ANALYSIS OF REGIONAL ECONOMIC GROWTH AGAINST CRISIS: US-JAPAN STATISTICAL COMPARATIVE STUDY BEFORE-AFTER LEHMAN'S SHOCK</p>
20TH AUGUST 2019	2.00 PM - 3.40 PM	STS-496	SAFEGUARDING THE PROFESSIONAL INDEPENDENCE OF STATISTICIANS; THE INTERNATIONAL EXPERIENCE	ENRIQUE DE ALBA GUERRA, INSTITUTO NACIONAL DE ESTADÍSTICA Y GEOGRAFÍA (INEGI), MEXICO CITY, MEXICO	<p>MARIO PALMA, INSTITUTO NACIONAL DE ESTADÍSTICA Y GEOGRAFÍA (INEGI), MEXICO CITY, MEXICO TOPIC: INEGI'S STATISTICAL AUTONOMY: INSTITUTIONAL GOVERNANCE AND SOME EVER-PRESENT RISKS</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					<p>ROELAND BEERTEN, FLEMISH STATISTICAL AUTHORITY, BRUSSELS, BELGIUM TOPIC: THE REQUIREMENTS FOR A WELL-FUNCTIONING STATISTICAL SYSTEM IN A MODERN DEMOCRATIC SOCIETY</p> <p>ALPHONSE L. MACDONALD, GENERAL BUREAU OF STATISTICS (ABS), PARAMARIBO. SURINAME TOPIC: STATISTICIANS MISBEHAVING: THE ETHICAL DIMENSIONS OF AN ESSENTIAL PROFESSION</p> <p>PILAR MARTIN-GUZMAN, UNIVERSIDAD AUTÓNOMA DE MADRID, MADRID, SPAIN TOPIC: SAFEGUARDS FOR THE PROFESSIONAL INDEPENDENCE OF STATISTICIANS IN EUROPE</p> <p>CHAIR: ENRIQUE DE ALBA GUERRA, INSTITUTO NACIONAL DE ESTADÍSTICA Y GEOGRAFÍA (INEGI), MEXICO CITY, MEXICO</p>
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	<p>JAANUS KROON, EESTI PANK TOPIC: MOBILE PHONE AND CREDIT CARD DATA: EXPERIENCE FROM 10 YEARS OF PUBLIC PRIVATE PARTNERSHIP</p> <p>SARPONO DIMULJO, BPS STATISTICS INDONESIA TOPIC: COMBINING MOBILE PHONE DATA AND SURVEY DATA FOR THE BEST RESULT: EXPERIENCE FROM INDONESIA</p> <p>PASI PIELA, STATISTICS FINLAND TOPIC: THE USE OF MOBILE PHONE DATA</p> <p>DISCUSSANT: ERKI SALUVEER, POSITUM LBS CHAIR: SIIM ESKO, POSITUM LBS, ESTONIA</p>
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	<p>SHILI LIN, OHIO STATE UNIVERSITY TOPIC: DETECTING DIFFERENTIALLY METHYLATED REGIONS ACCOUNTING FOR CELL PURITY USING BAYESIAN CREDIBLE BANDS</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					<p>MIJEONG KIM, EWHA WOMANS UNIVERSITY TOPIC: STATISTICAL METHODS FOR IDENTIFYING NOVEL PROMOTERS</p> <p>MARIZA DE ANDRADE, MAYO CLINIC TOPIC: MENDELIAN RANDOMIZATION, CAUSAL RELATIONSHIP, AND STATISTICAL APPROACHES</p> <p>JULIA PAVAN SOLER, UNIVERSITY OF SAO PAULO TOPIC: PROTEOGENOMICS: STATISTICAL ISSUES IN DATA INTEGRATION AND PREDICTION</p>
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-2321	ISI AUTHOR WORKSHOP: 'GETTING YOUR PAPER PUBLISHED'	ANITA SYE, WILEY PUBLISHER	TBA
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-2322	TBA	LINDA PETERS, ESRI	TBA
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	<p>PATRICK WEBER, DEUTSCHE BUNDESBANK TOPIC: THE FIRE-SALE CHANNELS OF UNIVERSAL BANKS IN THE EUROPEAN SOVEREIGN DEBT CRISIS</p> <p>ANDREA NERI, BANK OF ITALY TOPIC: LINKING HOUSEHOLD SURVEY DATA AND ADMINISTRATIVE STATISTICS: THE BANCA D'ITALIA EXPERIENCE</p> <p>GULBIN SAHINBEYOGLU, CENTRAL BANK OF TURKEY TOPIC: LINKING MICRO DATA SETS FOR FIRMS' FX RISK MONITORING DATABASE</p> <p>TOBIAS CAGALA, DEUTSCHE BUNDESBANK TOPIC: COMPLETING THE SECURITIES PICTURE: INTEGRATING OFFICIAL SECURITIES STATISTICS WITH REGULATORY TRADING DATA</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					OLIVIA HAUET, NORDEA TOPIC: THE INTEGRATION OF MICRO-DATA SETS INTO A MACRO-PRUDENTIAL REGULATORY LANDSCAPE, EXEMPLIFIED BY THE ANACREDIT REGULATION CHAIR: GLORIA PENA, CENTRAL BANK OF CHILE
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	AREZOO BAGHERI, NATIONAL POPULATION STUDIES AND COMPREHENSIVE MANAGEMENT INSTITUTE, TEHRAN, IRAN TOPIC: WHICH YOUTHS MARRIED LATER THAN THEIR DESIRED TIME; CLASSIFICATION TREE APPROACH SOHEL RANA, EAST WEST UNIVERSITY, DHAKA, BANGLADESH TOPIC: OUTLIER DETECTION IN POISSON REGRESSION MODEL: EVIDENCE FROM BANGLADESH DEMOGRAPHIC AND HEALTH SURVEY DATA MAHSA SAADATI, NATIONAL POPULATION STUDIES AND COMPREHENSIVE MANAGEMENT INSTITUTE, TEHRAN, IRAN TOPIC: MODELING BIRTH INTERVALS BY VARIANCE-CORRECTED RECURRENT MODELS CHAIR: HABSHAH MIDI, UNIVERSITI PUTRA MALAYSIA
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	ALESSANDRO FASSÒ, DIPARTIMENTO DI INGEGNERIA GESTIONALE, DELL'INFORMAZIONE E DELLA PRODUZIONE, UNIVERSITY OF BERGAMO, BERGAMO, ITALY TOPIC: CHANGE DETECTION AND HARMONISATION OF ATMOSPHERIC LARGE SPATIOTEMPORAL SERIES TONIO DI BATTISTA, G. D'ANNUNZIO UNIVERSITY OF CHIETI-PESCARA, ITALY TOPIC: INSPECTING ECOLOGICAL COMMUNITIES' STRUCTURE VIA FUNCTIONAL DATA ANALYSIS

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					<p>AYESHA ALI, UNIVERSITY OF GUELPH, CANADA TOPIC: RECENT ADVANCES IN MODELLING ECOLOGICAL NETWORKS: REGULARIZED GROUPED DIRICHLET-MULTINOMIAL REGRESSION</p> <p>RAPHAËL HUSER, KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY (KAUST), SAUDI ARABIA 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>JOKO PARIYANTO, BADAN PUSAT STATISTIK (BPS), INDONESIA TOPIC: TRIP IDENTIFICATION PROCESS USING MOBILE POSITIONING DATA</p> <p>FAUZANA HJ. ISMAIL, DEPARTMENT OF STATISTICS, MALAYSIA TOPIC: USE OF WEB-SCRAPING FOR THE COMPILATION OF CONSUMER PRICE INDEX: MALAYSIA'S EXPERIENCE</p> <p>KIT HOONG CHOO, DEPARTMENT OF STATISTICS, SINGAPORE TOPIC: PROFILING THE INTERNET ECONOMY IN SINGAPORE</p> <p>JIAJING LI, BEIJING MUNICIPAL BUREAU OF STATISTICS TOPIC: RESEARCH ON DEEPENING THE APPLICATION OF BIG DATA IN GOVERNMENT STATISTICS</p> <p>CHAIR: SHUHaida BINTI MOHAMED SHUHIDAN, UNIVERSITY TEKNOLOGI MARA, SHAH ALAM</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>YOON TIEN YAP, RHB BANKING GROUP TOPIC: APPLICATION OF MACHINE LEARNING IN THE PREDICTION OF CREDIT DEFAULTS</p> <p>VISHNU KAMALNATH, MCKINSEY & CO TOPIC: TECHNIQUE AND CHALLENGES IN VALIDATION MACHINE LEARNING MODEL</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					SHAFI UR RAHMAN, SR. PRINCIPAL SCIENTIST, FICO TOPIC: OVERCOMING REGULATORY CHALLENGES IN USING MACHINE LEARNING MODELS
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	JOSE ARTURO BLANCAS, NATIONAL INSTITUTE OF STATISTICS AND GEOGRAPHY OF MEXICO TOPIC: RESPONSE OF THE NATIONAL INSTITUTE OF STATISTICS AND GEOGRAPHY (INEGI) TO NATURAL DISASTERS IN MEXICO VIVIAN ILARINA, PHILIPPINE STATISTICS AUTHORITY TOPIC: THE DEVELOPMENT OF DISASTER STATISTICS IN THE PHILIPPINES: EXPENDITURE ACCOUNTS ON DISASTER RISK REDUCTION MASAO TAKAHASHI, STATISTICS BUREAU OF JAPAN 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	LILIANA ADRIANA MENDOZA SABOYA, UNIVERSIDAD DE COLOMBIA TOPIC: STATISTICAL EDUCATION OR STATISTICAL LITERACY. EFFECT ON THE COLLEGE STUDENT ERNESTO ALONSO SÁNCHEZ SÁNCHEZ, UNIVERSIDAD AUTÓNOMA DE MÉJICO TOPIC: STATISTICAL LITERACY AS PART OF STATISTICAL EDUCATION MÓNICA BLAZARINI, UNIVERSIDAD NACIONAL DE CÓRDOBA TOPIC: THE TEACHING OF STATISTICAL CONSULTING AND PROFESSIONAL LITERACY DISCUSSANT: REIJA HELENIUS, INTERNATIONAL STATISTIC LITERACY PROJECT

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
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	MARY EVERETT, CENTRAL BANK, IRELAND TOPIC: TRACKING THE INTERNATIONAL FOOTPRINTS OF GLOBAL FIRMS DISCUSSANT: PETER VANDEVEN, OECD DISCUSSANT: ANGELA ME, UNITED NATIONS OFFICE ON DRUGS AND CRIME (UNODC) CHAIR: STEVE MACFEELY, UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT (UNCTAD)
20TH AUGUST 2019	4.00 PM - 5.40 PM	STS-587	MEASUREMENT ISSUES IN AN AGE OF DIGITAL TECHNOLOGIES	YAFEI WANG, BEIJING NORMAL UNIVERSITY	SHUJIAN XIANG, ZHEJIANG GONGSHANG UNIVERSITY, CHINA TOPIC: MEASURING THE STRUCTURE OF DIGITAL ECONOMY — THE CASE OF CHINA GUANGWU CHEN, THE UNIVERSITY OF NEW SOUTH WALES, AUSTRALIA TOPIC: THE IMPACTS OF DIGITALISATION ON CHINA'S ECONOMIC SYSTEM HUI WEI, AUSTRALIAN BUREAU OF STATISTICS TOPIC: THE ACCURACY AND RELEVANCE OF GDP MEASURES IN A DIGITAL ECONOMY DISCUSSANT: NAN ZHANG, HIROSHIMA SHUDO UNIVERSITY, JAPAN CHAIR: DONG QIU, BEIJING NORMAL UNIVERSITY, CHINA
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	DAVID NOTT, DEPARTMENT OF STATISTICS AND APPLIED PROBABILITY, NATIONAL UNIVERSITY OF SINGAPORE TOPIC: GAUSSIAN VARIATIONAL APPROXIMATION FOR HIGH-DIMENSIONAL STATE SPACE MODELS SCOTT A. SISSON, SCHOOL OF MATHEMATICS AND STATISTICS, UNIVERSITY OF NEW SOUTH WALES, AUSTRALIA TOPIC: NEW MODELS FOR SYMBOLIC DATA ANALYSIS

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					JEONG EUN LEE, UNIVERSITY OF AUCKLAND TOPIC: CALIBRATION PROCEDURES FOR APPROXIMATE BAYESIAN CREDIBLE SETS CHAIR: GEOFFREY K. NICHOLLS, DEPARTMENT OF STATISTICS, OXFORD UNIVERSITY, UK
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	HAISHAN FU, WORLD BANK DATA GROUP TOPIC: TRUST IN OFFICIAL STATISTICS IN A POST-TRUTH WORLD DOMINIK ROZKRUT, STATISTICS POLAND TOPIC: ROLE OF DATA REPORTING PLATFORMS IN BUILDING TRUST IN OFFICIAL STATISTICS FOR THE 2030 AGENDA SHAIDA BADIOE, OPEN DATA WATCH TOPIC: OUTCOMES OF THE UN WORLD DATA FORUM 2018 – AND WHAT’S NEXT? OMAR SEIDU, GHANA STATISTICAL SERVICES TOPIC: OPEN DATA AND BUILDING TRUST IN THE NEW DATA ECOSYSTEMS IN GHANA CHAIR: FRANCESCA PERUCCI, UNITED NATIONS STATISTICS DIVISION
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	ARTURO MARTINEZ, ASIAN DEVELOPMENT BANK TOPIC: ENHANCING SMALL AREA POVERTY ESTIMATES USING SATELLITE IMAGERY NAGRAJ RAO, ASIAN DEVELOPMENT BANK TOPIC: MEASURING RICE YIELD FROM SPACE: THE CASE OF THAI BINH PROVINCE, VIETNAM JUDE DAVID ADARNA ROQUE, ASIAN DEVELOPMENT BANK TOPIC: HOW MUCH BETTER IS BETTER? QUANTIFYING THE CAPI ADVANTAGE USING VIET NAM’S LABOR FORCE SURVEY

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					<p>ELISABETTA GENTILE, ASIAN DEVELOPMENT BANK TOPIC: LESSONS LEARNED FROM CONDUCTING TWO ONLINE TRAINING COURSES ON COMPUTER-ASSISTED PERSONAL INTERVIEWING (CAPI) CHAIR: MAHINTHAN JOSEPH MARIASINGHAM, ASIAN DEVELOPMENT BANK, PHILIPPINES</p>
21ST AUGUST 2019	10.30 AM - 12.30 PM	STS-483	ADVANCES IN SPATIAL AND TEMPORAL MODELLING FOR ENVIRONMENTAL DATA	SUJIT KUMAR SAHU, UNIVERSITY OF SOUTHAMPTON	<p>MARTA BLANGIARDO, IMPERIAL COLLEGE, LONDON, UK TOPIC: BAYESIAN MODELING FOR SPATIALLY MISALIGNED HEALTH AND AIR POLLUTION DATA THROUGH THE INLA-SPDE APPROACH ELIANE R. RODRIGUES, UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO TOPIC: A BIVARIATE SPATIOTEMPORAL MODEL TO ESTIMATE THE PROBABILITY OF AIR POLLUTION EMERGENCY ALERTS IN MEXICO CITY KHANDOKER SHUVO BAKAR, CSIRO, CANBERRA, AUSTRALIA TOPIC: BAYESIAN SPATIO-TEMPORAL MODELLING FOR PRECIPITATION VOLUME WITH AN APPLICATION TO HUBBARD BROOK ECOSYSTEM STUDY DEBASHIS MONDAL, OREGON STATE UNIVERSITY TOPIC: SPATIAL-TEMPORAL GAUSSIAN STATE-SPACE MODELS DISCUSSANT: SUJIT KUMAR SAHU, UNIVERSITY OF SOUTHAMPTON CHAIR: DANKMAR BOEHNING, UNIVERSITY OF SOUTHAMPTON</p>

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

DATE	TIME	SESSION NUMBER	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	<p>GLORY O ATILOLA, NORTHUMBRIA UNIVERSITY, UK TOPIC: GEOGRAPHIC VARIATION, TRENDS AND DETERMINANTS OF HYPERTENSION IN SOUTH AFRICAN ADULT POPULATION, 2008-2017</p> <p>LAWRENCE KAZEMBE, UNIVERSITY OF NAMIBIA TOPIC: MODELLING SPATIO-TEMPORAL PATTERNS OF DISEASE FOR SPATIALLY MISALIGNED DATA: AN APPLICATION TO DISEASE DATA IN NAMIBIA, 2006-2013</p> <p>CHRISTOPHER NNANATU, NORTHUMBRIA UNIVERSITY, UK TOPIC: MODELLING AND MAPPING PREVALENCE OF FEMALE GENITAL MUTILATION/CUTTING AMONG 0-14 YEARS OLD GIRLS IN KENYA, NIGERIA AND SENEGAL</p> <p>DANIELLE JADE ROBERTS, UNIVERSITY OF KWAZULU-NATAL TOPIC: SPATIAL HETEROGENEITY OF CHILDHOOD ANAEMIA IN FOUR SUB-SAHARAN AFRICAN COUNTRIES</p> <p>DISCUSSANT: SAMUEL MANDA, SOUTH AFRICA MEDICAL RESEARCH COUNCIL</p> <p>CHAIR: NGIANGA-BAKWIN KANDALA, UNIVERSITY OF WITWATERSRAND</p>
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	<p>SIN YIN TEH, SCHOOL OF MANAGEMENT, UNIVERSITI SAINS MALAYSIA, 11800 MINDEN, PENANG, MALAYSIA TOPIC: A NONPARAMETRIC GWMA CONTROL CHART BASED ON THE MOVING SIGN STATISTICS</p> <p>TAHIR MAHMOOD, DEPARTMENT OF SYSTEM ENGINEERING AND ENGINEERING MANAGEMENT, CITY UNIVERSITY OF HONG KONG, KOWLOON, HONG KONG TOPIC: PROCESS MONITORING AND DECISION BASED ON ZERO-INFLATED MODELS</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					<p>ZHI SONG, DEPARTMENT OF MATHEMATICS, LIAONING UNIVERSITY AND COLLEGE OF SCIENCE, SHENYANG AGRICULTURAL UNIVERSITY TOPIC: OPTIMAL DESIGN OF DISTRIBUTION-FREE EXPONENTIALLY WEIGHTED MOVING AVERAGE SCHEMES WITH DYNAMIC FAST INITIAL RESPONSE FOR JOINT MONITORING OF LOCATION AND SCALE</p> <p>MARIEN A. GRAHAM, DEPARTMENT OF SCIENCE, MATHEMATICS & TECHNOLOGY EDUCATION, UNIVERSITY OF PRETORIA, SOUTH AFRICA TOPIC: SHEWHART X-BAR MONITORING SCHEMES WITH SUPPLEMENTARY SIDE-SENSITIVE RUNS-RULES FOR THE BURR-TYPE XII DISTRIBUTION</p> <p>ZHI LIN CHONG, DEPARTMENT OF PHYSICAL AND MATHEMATICAL SCIENCE, FACULTY OF SCIENCE, UNIVERSITI TUNKU ABDUL RAHMAN, 31900 KAMPAR, PERAK, MALAYSIA TOPIC: A COMPARATIVE STUDY BETWEEN THE STANDARD DEVIATION OF THE TIME TO SIGNAL (SDTS) PERFORMANCE OF THE GR AND SSGR SCHEMES</p> <p>DISCUSSANT: AMITAVA MUKHERJEE, XLRI - XAVIER SCHOOL OF MANAGEMENT CHAIR: MIN XIE, DEPARTMENT OF SYSTEM ENGINEERING AND ENGINEERING MANAGEMENT, CITY UNIVERSITY OF HONG KONG, KOWLOON, HONG KONG</p>
21ST AUGUST 2019	10.30 AM - 12.30 PM	STS-547	WHAT TO DO WHEN OUR	TRACEY SAVAGE, STATS NZ	JOHN DUNNE, CSO IRELAND

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
			ASSUMPTIONS FAIL? EXTENDING DUAL AND MULTIPLE SYSTEMS POPULATION ESTIMATION TO MEET THE CHALLENGES OF MODERN DATA SOURCES.		<p>TOPIC: NEW POPULATION ESTIMATION METHODS: NEW ZEALAND AND IRELAND OWEN ABBOTT, OFFICE FOR NATIONAL STATISTICS</p> <p>TOPIC: DUAL-SYSTEM ESTIMATION BY ANOTHER NAME: POPULATION SIZE ESTIMATION USING WEIGHTING CLASSES PETER G.M. VAN DER HEIJDEN, UTRECHT UNIVERSITY AND UNIVERSITY OF SOUTHAMPTON</p> <p>TOPIC: MULTIPLE SYSTEM ESTIMATION FOR THE SIZE OF THE MĀORI POPULATION IN NEW ZEALAND DAAN BERNARDUS ZULT, CBS NETHERLAND</p> <p>TOPIC: A GENERAL FRAMEWORK FOR MULTIPLE - RECAPTURE ESTIMATION THAT INCORPORATES LINKAGE ERROR CORRECTION DISCUSSANT: PAUL SMITH, UNIVERSITY OF SOUTHAMPTON CHAIR: CHRISTINE BYCROFT, STATS NZ</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>MOHD BAKRI ADAM, UNIVERSITI PUTRA MALAYSIA TOPIC: RECOVERY SIGNAL OF HEAVY-TAILED DATA FROM NOISE WITH OUTLIERS AND HIGHER VOLATILITY</p> <p>SAFWATI IBRAHIM, UNIVERSITI MALAYSIA PERLIS TOPIC: PARAMETER ESTIMATION AND OUTLIER DETECTION METHOD USING DFBETAC STATISTIC FOR MULTIVARIATE EYE DATA WITH THE MULTIPLE CIRCULAR REGRESSION MODEL</p> <p>NUR ANISAH MOHAMED, UNIVERSITY OF MALAYA TOPIC: ESTIMATION USING RIDGE QUADRATIC INFERENCE FUNCTION FOR LONGITUDINAL OUTCOME</p> <p>AZIZUR RAHMAN, CHARLES STURT UNIVERSITY TOPIC: A NOVEL BAYESIAN MATRIX ANALYTIC APPROACH FOR SMALL AREA ESTIMATION CHAIR: ROSSITA MOHAMAD YUNUS, UNIVERSITY OF MALAYA</p>

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

DATE	TIME	SESSION NUMBER	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	<p>ELENA YAROVAYA, LOMONOSOV MOSCOW STATE UNIVERSITY TOPIC: STOCHASTIC EVOLUTIONARY SYSTEM ON MULTIDIMENSIONAL LATTICES</p> <p>CARMEN MINUESA ABRIL, UNIVERSITY OF EXTREMADURA TOPIC: BAYESIAN INFERENCE FOR A TWO-TYPE CONTROLLED BRANCHING MODEL FOR AN OLIGODENDROCYTE CELL POPULATION</p> <p>CRISTINA GUTIERREZ, EXTREMADURA UNIVERSITY, BADAJOZ, SPAIN TOPIC: NONPARAMETRIC BAYESIAN INFERENCE FOR YLINKED TWOSEX BRANCHING PROCESSES WITH BLIND CHOICE USING MCMC AND ABC METHODS</p> <p>DARIA BALASHOVA, LOMONOSOV MOSCOW STATE UNIVERSITY TOPIC: SIMULATION OF BRANCHING RANDOM WALKS WITH DIFFERENT INTENSITY OF BRANCHING SOURCES</p> <p>ANASTASIIA RYTOVA, LOMONOSOV MOSCOW STATE UNIVERSITY TOPIC: SURVIVAL ANALYSIS OF PARTICLE POPULATIONS IN BRANCHING RANDOM WALKS</p> <p>MAROUSSIA NIKIFOROVA NIKIFOROVA SLAVTCHOVA-BOJKOVA, UNIVERSITY "ST. KLIMENT OHRIDSKI" TOPIC: COMPUTATIONAL MODELLING OF CANCER EVOLUTION BY MULTI-TYPE BRANCHING PROCESSES</p> <p>DISCUSSANT: LARISA AFANAS'EVA, LOMONOSOV MOSCOW STATE UNIVERSITY CHAIR: STANISLAV MOLCHANOV, UNIVERSITY OF NORTH CAROLINA, CHARLOTTE, USA</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
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>JAIRO CASTANO, FAO TOPIC: INTEGRATING AGRICULTURAL CENSUSES AND SURVEYS FOR OPTIMAL SECTORAL DATA COLLECTION</p> <p>MINERVA ESQUIVIAS ELOISA, PHILIPPINE STATISTICS AUTHORITY TOPIC: THE PHILIPPINE CENSUS OF AGRICULTURE AND FISHERIES AS PART OF THE INTEGRATED AGRICULTURAL STATISTICAL SYSTEM</p> <p>ERIC RANCOURT, STATISTICS CANADA TOPIC: THE INTEGRATION OF THE CENSUS OF AGRICULTURE WITH THE BUSINESS STATISTICS PROGRAM: THE KEYSTONE FOR THE NEXT GENERATION OF CENSUSES IN CANADA</p>
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)	<p>MARGARITA ROHR, UNIVERSITY OF VALENCIA TOPIC: GREEN ECONOMY: A CONCEPTUAL OVERVIEW</p> <p>CATHERINE SAGET, ILO TOPIC: GREENING WITH JOBS</p> <p>VALENTINA STOEVSKA, ILO TOPIC: STATISTICAL DEFINITION OF EMPLOYMENT IN THE ENVIRONMENTAL SECTOR AND GREEN JOBS: THEORY AND PRACTICE</p> <p>FLORABELA CARAUSU, GOPA LUXEMBOURG S.A.R.L TOPIC: SUSTAINABLE GRASSROOTS TOURISM THROUGH GREEN JOBS: MEASUREMENT ISSUES</p> <p>CHAIR: IGOR CHERNYSHEV, GJASD INTERNATIONAL (GREEN JOBS AND SUSTAINABLE DEVELOPMENT INTERNATIONAL CENTRE)</p>
21ST AUGUST 2019	2.00 PM - 3.40 PM	STS-430	RECENT ADVANCES IN FUNCTIONAL AND HIGH DIMENSIONAL STATISTICAL METHODS	ANIRVAN CHAKRABORTY, IISER KOLKATA	<p>ANIRVAN CHAKRABORTY, IISER KOLKATA TOPIC: WHAT IS THE DIMENSION OF A STOCHASTIC PROCESS?</p> <p>JEAN-MICHEL LOUBES, INSTITUT DE MATHEMATIQUES DE TOULOUSE, FRANCE TOPIC: DISTRIBUTION'S TEMPLATE ESTIMATE WITH WASSERSTEIN METRICS</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					<p>ZHENHUA LIN, DEPARTMENT OF STATISTICS, UNIVERSITY OF CALIFORNIA - DAVIS, CALIFORNIA, UNITED STATES OF AMERICA TOPIC: A MULTIPLIER BOOTSTRAP APPROACH TO ONE-WAY ANOVA FOR FUNCTIONAL DATA</p> <p>ANIL K. GHOSH, INDIAN STATISTICAL INSTITUTE TOPIC: PERFECT CLUSTERING OF HIGH DIMENSIONAL DATA</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>DANIEL CLARKE, ESCAP TOPIC: USING GIS AND OFFICIAL STATISTICS TO SUPPORT ASSESSMENTS OF RISK TO SUSTAINABLE DEVELOPMENT FROM ENVIRONMENTAL DEGRADATION</p> <p>KECUK SUHARIYANTO, BADAN PUSAT STATISTIK INDONESIA TOPIC: BUILDING ENVIRONMENTAL-ECONOMIC INTEGRATED ACCOUNT FOR SUSTAINABLE DEVELOPMENT GOALS IMPLEMENTATION: INDONESIA EXPERIENCE</p> <p>ETJIH TASRIAH, BADAN PUSAT STATISTIK TOPIC: INDONESIA LAND ACCOUNT FOR SUSTAINABLE DEVELOPMENT GOALS IMPLEMENTATION</p> <p>ZAITUN MOHD TAHA ABD. RAHMAN, DEPARTMENT OF STATISTICS MALAYSIA TOPIC: THE EVOLUTION OF ENVIRONMENT STATISTICS IN DEPARTMENT OF STATISTICS MALAYSIA</p>
21ST AUGUST 2019	2.00 PM - 3.40 PM	STS-466	INTELLIGENT DATA WAREHOUSE ENRICH SMART STATISTICS	ROSNAH MUHAMAD ALI, DEPARTMENT OF STATISTICS MALAYSIA	<p>ROSNAH MUHAMAD ALI, DEPARTMENT OF STATISTICS MALAYSIA TOPIC: LEVERAGING INTELLIGENT DATA WAREHOUSE FOR A SEAMLESS STATISTICS</p> <p>SASONGKO YUDHO, EBDESK TOPIC: MANAGING UNSTRUCTURED DATA THROUGH BIG DATA ANALYTICS TOWARDS INTELLIGENT INSIGHTS</p> <p>STACE CHOW, MICROSTRATEGY PTE LTD TOPIC: GOVERNED DATA DISCOVERY: DEPLOYING SELF-SERVICE ANALYTICS TO BUSINESS TEAMS WITH CERTIFIED DOSSIERS</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					MD. KHADZIR SHEIKH AHMAD, MINISTRY OF HEALTH MALAYSIA TOPIC: MYHARMONY: GENERATING STATISTICS FROM CLINICAL TEXT FOR MONITORING CLINICAL QUALITY INDICATORS CHAIR: NAZARIA BAHARUDIN, DEPARTMENT OF STATISTICS MALAYSIA
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	VINCE GALVIN, STATISTICS NEW ZEALAND TOPIC: ADDING STATISTICAL VALUE IN A RAPIDLY CHANGING GOVERNMENT DATA “ECO-SYSTEM” SUSIE FORTIER, STATISTICS CANADA TOPIC: METHODOLOGY LEADERSHIP AND POSITIONING ON A MODERNISATION JOURNEY KATHERINE JENNY THOMPSON, US CENSUS BUREAU 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 RAFIK MAHJOUBI, AFRICAN DEVELOPMENT BANK TOPIC: THE KEY INGREDIENTS FOR AFRICA TO LEAP FROG AND PRODUCE NEXT GENERATION STATISTICS
21ST AUGUST 2019	2.00 PM - 3.40 PM	STS-520	SMART CITIES IN ISKANDAR MALAYSIA: PERSPECTIVE ON BIG DATA APPLICATION	WAN MOHD SHAHRULNIZAM WAN MOHD NAJURI, DEPARTMENT OF STATISTICS MALAYSIA, STATE OF JOHOR	FAREZA MOHAMED SANI, DEPARTMENT OF STATISTICS MALAYSIA, JOHOR TOPIC: STATISTICAL ANALYSIS VERSUS PREDICTIVE ANALYTICS ISMAIL IBRAHIM, ISKANDAR REGIONAL DEVELOPMENT AUTHORITY (IRDA) TOPIC: ISKANDAR MALAYSIA (IM) SMART CITY INITIATIVES MINGCUI DU, BEIJING MUNICIPAL BUREAU OF STATISTICS TOPIC: RESEARCH ON METHOD OF POPULATION PREDICTION BY BIG DATA FROM MOBILE PHONES DISCUSSANT: WAN MOHD SHAHRULNIZAM WAN MOHD NAJURI, DEPARTMENT OF STATISTICS MALAYSIA

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
21ST 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	ALEX CHIN THIAM KHOR, OCEAN BRIDGE SDN BHD TOPIC: THE INTEGRATED DATA SUBMISSION/COLLECTION PLATFORM FOR REGULATOR AND STATISTICAL COMMUNITY CHIN KUAN LOW, INFOSCAPE SDN BHD TOPIC: DATA ANALYTICS PLATFORM FOR BOTH XBRL & NON XBRL CONTENT SACHVINDER SINGH, HANDSHAKES TECHNOLOGY (M) SDN BHD TOPIC: HANDSHAKES CORPORATE INTELLIGENCE PLATFORM DANIEL BROMLEY, COREFILING LIMITED TOPIC: TBA PHILIP ALLEN, COREFILING LIMITED TOPIC: TBU CHAIR: INTAN ZARINA ZAINOL ABIDIN, BANK NEGARA MALAYSIA
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	EZATUL NISHA ABDUL RAHMAN, DEPARTMENT OF STATISTICS MALAYSIA TOPIC: DEMOGRAPHICS CHANGES IN MALAYSIA: IMPACT ON SHRINKAGE OF WORKING AGE POPULATION WANCHAT SUWANKITTI, NATIONAL ECONOMIC AND SOCIAL DEVELOPMENT BOARD, THAILAND TOPIC: TBU DISCUSSANT: NORMAH MANSOR, SOCIAL SECURITY RESEARCH CENTER, UNIVERSITY OF MALAYA CHAIR: TENGGU AIZAN TENGGU ABDUL HAMID, MYAGEING INSTITUTE, UNIVERSITY PUTRA OF MALAYSIA
21ST AUGUST 2019	4.00 PM - 5.40 PM	STS-515	TRAINING DATA SCIENTISTS AT UNIVERSITY FOR REWARDING CAREERS	JOHN HARRAWAY, OTAGO UNIVERSITY	JIM RIDGWAY, SMART CENTRE DURHAM UNIVERSITY, UK TOPIC: LOOKING BACK, LOOKING FORWARD – STATISTICS AND THE DATA SCIENCE TSUNAMI JEREMIAH DENG, UNIVERSITY OF OTAGO TOPIC: DATA SCIENCE PROGRAMMES: IS THERE AN IDEAL DESIGN?

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					<p>SOTIRIOS DAMOURAS, UNIVERSITY OF TORONTO AT SCARBOROUGH TOPIC: EVOLVING STATISTICS EDUCATION FOR A DATA SCIENCE WORLD</p> <p>STEVE MACFEELY, UNITED NATION CONFERENCE FOR TRADE AND DEVELOPMENT TOPIC: TEACHING DATA SCIENCE – A USER PERSPECTIVE CHAIR: JOHN HARRAWAY, UNIVERSITY OF OTAGO</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>STEEN THORBJØRNSEN, AARHUS UNIVERSITY, DENMARK TOPIC: FREE INFINITELY DIVISIBLE PROBABILITY MEASURES – PROPERTIES AND MAIN EXAMPLES</p> <p>BARBARA HELENA JASIULIS-GOLDYN, UNIVERSITY OF WROCLAW, POLAND TOPIC: INFINITELY DIVISIBLE PROBABILITY MEASURES UNDER GENERALIZED CONVOLUTIONS</p> <p>OCTAVIO ARIZMENDI, CENTER FOR RESEARCH IN MATHEMATICS, MEXICO TOPIC: CUMULANTS IN FINITE FREE PROBABILITY</p>
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	<p>BAOLINE CHEN, US BUREAU OF ECONOMIC ANALYSIS TOPIC: NOWCASTING ADVANCE ESTIMATES OF PRIVATE CONSUMPTION OF SERVICES IN THE US NATIONAL ACCOUNTS: GENERAL BRIDGE EQUATION AND BRIDGING WITH FACTOR FRAMEWORK</p> <p>PAOLO FORNARO, THE RESEARCH INSTITUTE OF THE FINNISH ECONOMY TOPIC: NOWCASTING FINNISH REAL ECONOMIC ACTIVITY: A MACHINE LEARNING APPROACH</p> <p>PETER A. ZADROZNY, U.S. BUREAU OF LABOR STATISTICS TOPIC: FORECASTING QUARTERLY GDP AT REAL-TIME MONTHLY INTERVALS USING BAYESIAN LINEAR LEAST-SQUARES METHODS</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					RAFAEL DOMÉNECH, BANCO BIBAO VIZCAYA ARGENTARIA, S.A., SPAIN (BBVA), BBVA RESEARCH TOPIC: NOWCASTING AND FORECASTING WITH DYNAMIC FACTORS MODELS: SOME EXPERIENCES AND LESSONS CHAIR: KYLE HOOD, U.S. BUREAU OF ECONOMIC ANALYSIS
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	DAVID ROSEBURGH, ABERDEEN STANDARD INVESTMENTS TOPIC: OPTIMAL SECURITY SELECTION UNDER REGULATORY CONSTRAINTS OUAILE EL FETOUHI, ABERDEEN STANDARD INVESTMENTS TOPIC: PORTFOLIO OPTIMIZATION FOR INSURERS UNDER RISK BASED CAPITAL REGIMES PAUL MANSON, MOODY'S ANALYTICS TOPIC: A LIGHT STOCHASTIC ASSET LIABILITY MANAGEMENT (ALM) FOR STRATEGIC ASSET ALLOCATION (SAA) CHAIR: BRUCE PORTEOUS, ABERDEEN STANDARD INVESTMENTS
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	CLAUDIO COLASANTE, AUSTRAC TOPIC: DATA ANALYTICS APPLICATIONS FROM REGULATOR'S POINT OF VIEW KIMMO SORAMÄKI, FINANCIAL NETWORK ANALYTICS (FNA) LTD TOPIC : GRAPH BASED PREDICTIVE ANALYTICS FOR ANOMALY DETECTION IN PAYMENT SYSTEMS DAVID RICH, VOCALINK TOPIC: DATA ANALYTICS BY MASTERCARD TO COUNTER ML/TF RISK CHAIR: MOHD FAIZAL ABDULLAH, BANK NEGARA MALAYSIA

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

DATE	TIME	SESSION NUMBER	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	MOHAMED ISMAIL, CAIRO UNIVERSITY	<p>MAGUED OSMAN, FACULTY OF ECONOMY AND POLITICAL SCIENCE, CAIRO UNIVERSITY TOPIC: STATISTICS MONOPOLY: NO ROOM FOR NOSTALGIA</p> <p>REEM MOHAMED EL-SEBAAY, CENTRAL AGENCY FOR PUBLIC MOBILIZATION AND STATISTICS TOPIC: USING BIG DATA IN MONITORING INDICATORS OF SUSTAINABLE DEVELOPMENT GOALS IN EGYPT</p> <p>RONALD JANSEN, STATISTICS DIVISION, DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS UNITED NATIONS TOPIC: UN GLOBAL PLATFORM AS A DATA SCIENCE COLLABORATION ENVIRONMENT FOR OFFICIAL STATISTICS</p> <p>DISCUSSANT: HUSSEIN SAYED ABDEL AZIZ, FACULTY OF ECONOMY AND POLITICAL SCIENCE CHAIR: MOSTAFA SAAT BADWAY, CENTRAL AGENCY FOR PUBLIC MOBILIZATION AND STATISTICS</p>
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	<p>SERGEY MUSIKHIN, ANALYTICAL CENTRE BY GOVERNMENT OF MOSCOW TOPIC: SUGGESTIONS FOR IMPROVING THE METHODOLOGY FOR ESTIMATING INFORMAL EMPLOYMENT BASED ON A SAMPLE SURVEY OF THE LABOUR FORCE</p> <p>MARIA FROLOVA, TOGLIATTI ACADEMY OF MANAGEMENT TOPIC: COMPARATIVE ANALYSIS OF METHODOLOGIES USED FOR COLLECTING DATA ON FORMAL AND INFORMAL EMPLOYMENT AND TERTIARY EDUCATION EFFICIENCY</p> <p>KONSTANTIN LAYKAM, FEDERAL STATE STATISTICS SERVICE, RUSSIA TOPIC: METHODOLOGY FOR ASSESSING INFORMAL EMPLOYMENT BASED ON INFORMATION SOURCES WITH DIFFERENT LEVELS OF TRUST</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					<p>TAISIYA BOYKOVA, ANALYTICAL CENTRE BY GOVERNMENT OF MOSCOW TOPIC: INCREASING THE TRANSPARENCY OF DATA ON INFORMAL EMPLOYMENT</p> <p>POLINA VICTOROVNA KRIUCHKOVA, MOSCOW GOVERNMENT TOPIC: TBU</p> <p>DISCUSSANT: PAUL SMELOV, PLEKHANOV RUSSIAN UNIVERSITY OF ECONOMICS</p> <p>DISCUSSANT: ELVIRA DUBRAVSKAYA, ANALYTICAL CENTRE BY MOSCOW CITY GOVERNMENT</p> <p>CHAIR: IRINA ELISEEVA, SAINT-PETERSBURG UNIVERSITY OF ECONOMICS</p>
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	<p>LIZA MYDIN, MAYBANK ISLAMIC TOPIC: USE OF BIG DATA ANALYTICS IN TARGETING RIGHT CUSTOMERS FOR SUSTAINABLE AND SOCIAL FINANCE (CASH WAQF)</p> <p>ZURAEDA IBRAHIM, UNIVERSITY TECHNOLOGY MARA (UITM) TOPIC: INVESTMENT ACCOUNT (RISK SHARING PRODUCT) IN ISLAMIC BANKING: ANALYSIS OF PERCEPTIONS AND BEHAVIOURS OF CORPORATE & RETAIL CONSUMERS USING STRUCTURAL EQUATION MODELING</p> <p>GABRIEL KARAGERGIU, ARABESQUE TOPIC: INTEGRATED ESG PRINCIPLES AND BIG DATA ANALYTICS IN SELECTING SUSTAINABLE ISLAMIC STOCKS</p> <p>ADRIANA KOCORNIK-MINA, GLOBAL ALLIANCE ON BANKING ON VALUES TOPIC: VALUE-BASED SCORECARD FOR ISLAMIC BANKING INSTITUTIONS AS MONITORING TOOLS FOR IMPACT CREATION</p> <p>DISCUSSANT: AZRIE TAMJIS, CENTRAL BANK OF MALAYSIA</p> <p>CHAIR: HAMIM SYAHRUM AHMAD MOKHTAR, CENTRAL BANK OF MALAYSIA</p>

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

DATE	TIME	SESSION NUMBER	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	<p>NORHAYATI SHUJA', DEPARTMENT OF STATISTICS MALAYSIA TOPIC: INPUT-OUTPUT ANALYSIS OF SECTORAL LINKAGES USING HYPOTHETICAL EXTRACTION METHOD - AN APPLICATION TO MALAYSIA INPUT-OUTPUT TABLES</p> <p>PROF. DR. JOERG BEUTEL, KONSTANZ UNIVERSITY OF APPLIED SCIENCES, GERMANY TOPIC: ECONOMIC DIVERSIFICATION AND SUSTAINABLE DEVELOPMENT - A NEW ASSESSMENT WITH INPUT-OUTPUT DATA</p> <p>NOBUHIRO OKAMOTO, DAITO BUNKA UNIVERSITY, JAPAN TOPIC: EXTENDED INPUT-OUTPUT MODEL FOR DEMOGRAPHIC CHANGE – PRELIMINARY APPLICATION TO THE CHINESE URBANISATION PROCESS</p> <p>MAHINTHAN JOSEPH MARIASINGHAM, ASIAN DEVELOPMENT BANK, PHILIPPINES TOPIC: USING INPUT-OUTPUT TABLES TO STUDY TRADE AND INTERNATIONAL PRODUCTION SHARING ARRANGEMENTS</p> <p>YUAN JIANQIN, STATE INFORMATION CENTER, CHINA TOPIC: THE COMPILATION AND APPLICATION OF 2012 CHINA MULTI-REGIONAL MODEL</p> <p>PROF. DR. YANG CUIHONG, THE CHINESE ACADEMY OF SCIENCES, CHINA TOPIC: VALUE-ADDED AND TRADE-EMBODIED CARBON EMISSION OF CHINA'S INDUSTRY WITH HETEROGENEITY BY FIRM SIZE</p> <p>NORIIHIKO YAMANO, OECD DIRECTORATE FOR SCIENCE, TECHNOLOGY AND INNOVATION TOPIC: INTER-COUNTRY INPUT-OUTPUT DATABASE FOR GLOBAL DEMAND PROJECTION MODEL USING DEMOGRAPHIC ASSUMPTIONS</p> <p>CHAIR: BEE WAH YAP, UNIVERSITI TEKNOLOGI MARA, MALAYSIA</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
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	NORLIZA HASHIM, URBANICE MALAYSIA TOPIC: THE AFFORDABLE LIVING IN KUALA LUMPUR CITY-REGION: ACCELERATING THE IMPLEMENTATION OF THE NEW URBAN AGENDA DR. SURAYA ISMAIL, KHAZANAH RESEARCH INSTITUTE TOPIC: THE NEED FOR GRANULAR DATA IN EVIDENCE-BASED POLICY: THE CASE OF HOUSING AFFORDABILITY IN MALAYSIA JAYASELAN K.NAVARATNAM, MALAYSIA MINISTRY OF HOUSING AND LOCAL GOVERNMENT TOPIC: TBA DISCUSSANT: IHSAN MOKHTAR, MALAYSIAN INSTITUTE OF PLANNERS DISCUSSANT: ANWAR SYHRIN ABDUL AJIB, UEM SUNRISE BERHAD CHAIR: DATO' MAIMUNAH MD SHARIFF, UN-HABITAT
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	QURAT-UL-AIN KHALIQ, DEPARTMENT OF STATISTICS, ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD, PAKISTAN TOPIC: APPLICATION OF THE TUKEY-ARIMA (AUTOREGRESSIVE INTEGRATED MOVING AVERAGE) CONTROL CHART IN MONITORING THE ROBOTICS PIONEER DATA CHENGLONG LI, SCHOOL OF MANAGEMENT, NORTHWESTERN POLYTECHNICAL UNIVERSITY, XI'AN, CHINA TOPIC: MODELING AND OPTIMIZATION OF THE SPRT CONTROL CHART FOR INDIVIDUAL OBSERVATIONS MUHAMMAD ABID, GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD, PAKISTAN TOPIC: A NEW NONPARAMETRIC HOMOGENEOUSLY WEIGHTED MOVING AVERAGE CONTROL CHART FOR MONITORING THE PROCESS LOCATION

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					<p>RIDWAN ADEYEMI SANUSI, DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT, CITY UNIVERSITY OF HONG KONG, KOWLOON, HONG KONG TOPIC: AN IMPROVED MONITORING PROCEDURE OF MAGNITUDE AND FREQUENCY OF EVENTS DISCUSSANT: MIN XIE, DEPARTMENT OF SYSTEM ENGINEERING AND ENGINEERING MANAGEMENT, CITY UNIVERSITY OF HONG KONG, KOWLOON, HONG KONG CHAIR: AMITAVA MUKHERJEE, XLRI - XAVIER SCHOOL OF MANAGEMENT</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>KAMARULZAMAN IBRAHIM, UNIVERSITI KEBANGSAAN MALAYSIA, MALAYSIA TOPIC: EMPIRICAL BAYES METHOD FOR MODELLING AIR POLLUTION INDEX ZAMIRA HASANAH ZAMZURI, UNIVERSITI KEBANGSAAN MALAYSIA, MALAYSIA TOPIC: ESTIMATING THE PROPORTION OF UNREPORTED TRAFFIC ACCIDENTS USING BAYESIAN POISSON LOGNORMAL MODEL WITH AN ADJUSTED MEAN STEPHEN WU, INSTITUTE OF STATISTICAL MATHEMATICS, TOKYO, JAPAN TOPIC: ENGINEERING APPLICATIONS OF HIERARCHICAL BAYESIAN MODELING ADRIANA IRAWATI NUR IBRAHIM, UNIVERSITY OF MALAYA TOPIC: BAYESIAN APPROACH TO ERRORS-IN-VARIABLES IN POISSON MULTIPLE REGRESSION MODEL CHAIR: NURULKAMAL MASSERAN, UNIVERSITI KEBANGSAAN MALAYSIA, MALAYSIA</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
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	HARTONO SUHARTONO, INSTITUT TEKNOLOGI SEPULUH NOPEMBER TOPIC: FORECASTING INFLOW AND OUTFLOW IN INDONESIA USING STATISTICAL METHOD AND MACHINE LEARNING DEDI SETIAWAN, INSTITUT TEKNOLOGI SEPULUH NOPEMBER TOPIC: TIME SERIES BASED CLUSTERING OF CLIMATE ZONE IN INDONESIA USING TRMM SATELITE DATA YUSRINA ANDU, UNIVERSITI MALAYSIA KELANTAN 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	JAMES EDWARD SCRUTON, THE OFFICE FOR NATIONAL STATISTICS TOPIC: THE RATIONALE FOR A NEW GDP PUBLICATION MODEL SUMIT DEY-CHOWDHURY, THE OFFICE FOR NATIONAL STATISTICS 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	ANTOINE THIBAUT, SCOR GLOBAL LIFE TOPIC: USING WEARABLE DATA TO EMPOWER HEALTHIER LIVES WITH BIOLOGICAL AGE MODEL MOHD AZMAN BIN MOHD ISMAIL, ATILZE DIGITAL SDN. BHD TOPIC: THE INFLUENCE OF TELEMATICS DEVICE ON DRIVING BEHAVIOUR OF COMMERCIAL VEHICLES ACROSS LONG AND SHORT HAUL DRIVERS DISCUSSANT: WEI JIE SEE, BANK NEGARA MALAYSIA CHAIR: CHIN CHING LAU, BANK NEGARA MALAYSIA

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

DATE	TIME	SESSION NUMBER	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	NORHAYATI RAZI, CENTRAL BANK OF MALAYSIA TOPIC: SECTORISATION AND INFORMATION GRANULARITIES ON PORTFOLIO INVESTMENT STATISTICS CAROL BERTAUT, BOARD OF GOVERNORS OF THE FEDERAL RESERVE SYSTEM, UNITED STATES OF AMERICA TOPIC: FINANCIAL INTEGRATION AND GLOBALIZATION: CHALLENGES AND OPPORTUNITIES FOR EXTERNAL FINANCIAL STATISTICS NATALIA NEHREBECKA, NATIONAL BANK OF POLAND TOPIC: FORECASTING THE RECOVERY RATE OF NON-FINANCIAL CORPORATIONS JOÃO FALCAO SILVA, CENTRAL BANK OF PORTUGAL TOPIC: USES OF MIRROR DATA: ESTIMATION OF HOUSEHOLD ASSETS AND LIABILITIES WITH BANKS ABROAD CHAIR: MOHD FRAZIALI ISMAIL, BANK NEGARA MALAYSIA
22ND AUGUST 2019	2.00 PM - 3.40 PM	STS-583	GEOSPATIAL INFORMATION FOR INTERNATIONAL STATISTICS	PIETRO GENNARI, FAO	MARIANA KOTZEVA, EUROSTAT TOPIC: IMPLEMENTING A GEOSPATIAL DATA STRATEGY IN THE EUROPEAN STATISTICAL SYSTEM YAKOB MUDESIR SEID, FAO TOPIC: COST-EFFECTIVENESS OF REMOTE SENSING FOR AGRICULTURAL STATISTICS IN DEVELOPING AND TRANSITION COUNTRIES MICHAEL WILD, WORLD BANK TOPIC: ADDRESSING THE ISSUE OF MISSING OR NON-IDEAL SAMPLING FRAMES IN HOUSEHOLD SURVEYS IN DEVELOPING COUNTRIES THROUGH REMOTE SENSING DATA CHAIR: PIETRO GENNARI, FAO

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
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	MUHAMMAD AMRI IDRIS, DEPARTMENT OF STATISTICS MALAYSIA, STATE OF SELANGOR TOPIC: DATABASE LINKAGE IN ENSURING QUALITY OF MALAYSIA STATISTICAL BUSINESS REGISTER SHARUDDIN SHAFIE, DEPARTMENT OF STATISTICS MALAYSIA, STATE OF TERENGGANU TOPIC: STATISTICAL ADDRESS REGISTER (SAR) TAKASHI IOKA, STATISTICS PRODUCTION SUPPORT DIVISION OF THE STATISTICS BUREAU, JAPAN TOPIC: QUALITY ASSURANCE FRAMEWORK OF THE JAPANESE BUSINESS REGISTER JOHAN LAMMERS, STATISTICS NETHERLANDS TOPIC: BUSINESS REGISTERS AS THE BACKBONE OF STATISTICS; CHALLENGES AND OPPORTUNITIES REGARDING BUSINESS REGISTER AND OUTCOME QUALITY DISCUSSANT: WAN MOHD SHAHRULNIZAM BIN WAN MOHD NAJURI, DEPARTMENT OF STATISTICS MALAYSIA, STATE OF JOHOR
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	ARVIND SHRIVASTAVA, RESERVE BANK OF INDIA TOPIC: TRADE CREDIT – AN EMPIRICAL ANALYSIS OF INDIAN FIRMS KHALED HALTEH, BOND UNIVERSITY TOPIC: INDUSTRY SPECIFIC FINANCIAL DISTRESS PREDICTION MODEL MILIND TIWARI, BOND UNIVERSITY TOPIC: SHELL COMPANIES: IDENTIFICATION OF AN INSTRUMENT USED FOR ILLICIT PURPOSES SNEHA RAUT, BOND UNIVERSITY TOPIC: FINANCIAL SOUNDNESS PREDICTION: A STUDY OF REAL ESTATE IN AUSTRALIA SUKANTO BHATTACHARYA, DEAKIN UNIVERSITY TOPIC: TBU DISCUSSANT: NITIN KUMAR, RESERVE BANK OF INDIA

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
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>IBRAHIM BIN MOHAMED, UNIVERSITY OF MALAYA TOPIC: THE STUDY ON THE RELATIONSHIP BETWEEN VARIABLES IN MALAYSIAN CRESCENT MOON SIGHTING DATA</p> <p>SREENIVAS RAO JAMMALAMADAKA, UNIVERSITY OF CALIFORNIA SANTA BARBARA, USA TOPIC: A GENERAL APPROACH TO OBTAINING WRAPPED CIRCULAR DISTRIBUTIONS</p> <p>KUNIO SHIMIZU, INSTITUTE OF STATISTICAL MATHEMATICS, TOKYO, JAPAN TOPIC: A CONTINUOUS BIVARIATE CIRCULAR DISTRIBUTION AND ITS DISCRETIZATION</p> <p>ABDUL GHAPOR BIN HUSSIN, NATIONAL DEFENCE UNIVERSITY OF MALAYSIA TOPIC: A CLUSTERING TECHNIQUE FOR OUTLIERS DETECTION IN LINEAR FUNCTIONAL RELATIONSHIP MODEL FOR CIRCULAR VARIABLES</p> <p>ADZHAR BIN RAMBLI, MARA UNVIERSITY OF TECHNOLOGY TOPIC: A NEW HALF-CIRCULAR DISTRIBUTION ON A CIRCLE CHAIR: ABDUL GHAPOR BIN HUSSIN, NATIONAL DEFENCE UNIVERSITY OF MALAYSIA</p>
23RD AUGUST 2019	10.30 AM - 12.30 PM	STS-426	STATISTICAL SOLUTION OF ASTROPHYSICAL PROBLEMS	ASIS KUMAR CHATTOPADHYAY, UNIVERSITY OF CALCUTTA	<p>ASIS KUMAR CHATTOPADHYAY, UNIVERSITY OF CALCUTTA, INDIA TOPIC: CLUSTERING AND CLASSIFICATION OF ASTRONOMICAL OBJECTS : A NEW PARADIGM IN STATISTICS</p> <p>AYANENDRA NATH BASU, INDIAN STATISTICAL INSTITUTE, KOLKATA TOPIC: ROBUST ESTIMATION AND OUTLIER DETECTION FOR ASTRONOMICAL DATA</p> <p>TANUKA CHATTOPADHYAY, UNIVERSITY OF CALCUTTA, INDIA TOPIC: STUDY ON STAR FORMATION HISTORY OF NEARBY GALAXIES A BAYESIAN APPROACH</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
					<p>DIDIER FRAIX-BURNET, UNIVERSITY GRENOBLE ALPES TOPIC: UNSUPERVISED CLASSIFICATION OF GALAXY SPECTRA AND INTERPRETABILITY</p> <p>GUILLAUME BELANGER, EUROPEAN SPACE AGENCY (ESAC) 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>GANE SAMB LO, GASTON BERGER UNIERSITY, SENEGAL TOPIC: TRENDS ON GENERAL THEORY ON RECORDS AND ON OPEN QUESTIONS</p> <p>MOHAMMAD Z RAQAB, UNIVERSITY OF JORDAN, JORDAN TOPIC: INFERENCE FOR THE TWO-PARAMETER BATHTUB-SHAPED DISTRIBUTION BASED ON RECORD DATA</p> <p>ISMIHAN BAYRAMOGLU, ISMIR UNIVERSITY OF ECONOMICS, TURKEY TOPIC: TBU</p> <p>DISCUSSANT: DIAM BA, GASTON BERGER UNIVERSITY, SENEGAL DISCUSSANT: MOHAMMAD SHAKIL, MIAMI DADE COLLEGE, USA CHAIR: MOHAMMAD AHSANULLAH, RIDER UNIVERSITY</p>
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	<p>PROF. DATIN PADUKA FATIMAH MOHAMED ARSHAD, UNIVERSITI PUTRA MALAYSIA TOPIC: TBU</p> <p>MOHAMMAD BAZLI CHE ROZENAN, PNB TOPIC: TBU</p> <p>DISCUSSANT: FRAZIALI ISMAIL, BANK NEGARA MALAYSIA DISCUSSANT: SAKTIANDI SAPAAT, MAYBANK CHAIR: TBC</p>

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

DATE	TIME	SESSION NUMBER	SESSION TITLE	ORGANISER/ORGANISATION	NAME/ORGANISATION, TOPIC
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)	AMANDA PRATAMA PUTRA, BPS - STATISTICS INDONESIA TOPIC: USING BIG DATA FOR ACCOMODATION STATISTICS: A NEW CHALLENGE IN PRODUCING TOURISM STATISTICS CHINDY SAKTIAS PRATIWI, BPS - STATISTICS INDONESIA TOPIC: ONLINE PRICE DATA FOR CPI MEASUREMENT IN INDONESIA RENDRA ACHYUNDA ANUGRAH PUTRA, BPS - STATISTICS INDONESIA (DIRECTORATE OF STATISTIC INFORMATION SYSTEM) TOPIC: SEARCH ENGINE AS BIG DATA SOURCE: AN APPROACH FOR MEASURING SUSTAINABLE ECONOMIC WELFARE IN THE DIGITAL AGE WIDA SIDDIKARA PERWITASARI, BPS - STATISTICS INDONESIA 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) DISCUSSANT: SETIA PRAMANA, POLYTECHNIC STATISTICS STIS JAKARTA CHAIR: ERLI WIJAYANTI PRASTIWI, STATISTICS INDONESIA (BADAN PUSAT STATISTIK REPUBLIK INDONESIA)
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	HATAICHANOK PUCKCHARERN, NATIONAL STATISTICS OFFICE, THAILAND TOPIC: BIG DATA FOR OFFICIAL STATISTICS IN THAILAND CANDIDO JR JOVE ASTROLOGO, JR., PHILIPPINES STATISTICS AUTHORITY TOPIC: MEASURING THE RURAL ACCESS INDEX IN THE PHILIPPINES SUMAN RAJ ARYAL, CENTRAL BUREAU OF STATISTICS, NEPAL TOPIC: ACCOMMODATING BIG DATA IN NEPALESE STATISTICAL SYSTEM: CHALLENGES AND OPPORTUNITIES YAJING CONG, NATIONAL BUREAU OF STATISTICS OF CHINA TOPIC: CHINA'S EXPERIENCE IN THE APPLICATION OF BIG DATA IN OFFICIAL STATISTICS

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

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					DISCUSSANT: RONALD JANSEN, UN DESA STATISTICS DIVISION CHAIR: SIU-MING TAM, AUSTRALIAN BUREAU OF STATISTICS
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	SARAT C. DASS, UNIVERSITI TEKNOLOGI PETRONAS TOPIC: LAPLACE APPROXIMATED POSTERIOR INFERENCE FOR THE SEIR DIFFERENTIAL EQUATION MODEL HANITA DAUD, UNIVERSITI TEKNOLOGI PETRONAS TOPIC: EMBEDDED ESTIMATION SEQUENTIAL BAYES LEARNING PROCEDURES IN NONLINEAR NON-GAUSSIAN SYSTEM KYOUNGJAE LEE, UNIVERSITY OF NOTRE DAME TOPIC: INFERENCE FOR THE SEIR DIFFERENTIAL EQUATION MODELS USING RELAXED DIFFERENTIAL EQUATION MODELS DISCUSSANT: SEONGIL JO, CHONBUK NATIONAL UNIVERSITY CHAIR: JAERYONG LEE, SEOUL NATIONAL UNIVERSITY
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	TEMESGEN ZEWOTIR, UKZN, SOUTH AFRICA TOPIC: STATISTICS POSTGRADUATE PROGRAM CAPACITY ENHANCEMENT THROUGH REGIONAL PARTNERSHIP MURRAY DE VILLIERS, SAS HEAD OF GLOBAL ACADEMIC PROGRAMS, NORTH CAROLINA, USA TOPIC: AN INDUSTRY PERSPECTIVE ON ANALYTICS PROGRAMS AT DEGREE GRANTING INSTITUTIONS PIETER JURIAAN DE JONGH, NORTH-WEST UNIVERSITY, SOUTH AFRICA TOPIC: PROFESSIONAL STATISTICIANS / DATA SCIENTISTS: WHO ARE THEY AND HOW DO WE TRAIN THEM? GOUTAM CHAKRABORTY, SPEAR'S BUSINESS SCHOOL, OKLAHOMA STATE UNIVERSITY, USA TOPIC: DELIVERING INDUSTRY-FOCUSED BUSINESS ANALYTICS SKILLS CHAIR: DELIA NORTH, UKZN, SOUTH AFRICA

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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	IRENE SALEMINK, CBS - THE NETHERLANDS TOPIC: ADVANCED DATA COLLECTION – AN OUTLOOK TO THE FUTURE STÉPHANE DUFOUR, STATISTICS CANADA TOPIC: NEW DATA COLLECTION METHODS BARRY SCHOUTEN, CENTER FOR BIG DATA STATISTICS (CBS) TOPIC: BIG DATA AT THE HEART OF INNOVATION IN OFFICIAL STATISTICS CHAIR: MARCEL VAN DER STEEN, CBS
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	HASNAH MAT, DEPARTMENT OF STATISTICS MALAYSIA TOPIC: MEASURING THE DIGITAL ECONOMY: MALAYSIA'S EXPERIENCE MARIA DENISE MEDENILLA PEÑA, ASIAN DEVELOPMENT BANK TOPIC: RECORD LINKAGE FOR MULTI-SOURCED STATISTICAL BUSINESS REGISTER DATA
23RD AUGUST 2019	2.15 PM - 3.55 PM	STS-538	ISSUES AND CHALLENGES IN THE MEASUREMENT OF COST OF LIVING - INTERNATIONAL PERSPECTIVES.	RAMESHWAR P SRIVASTAVA, THE ROYAL STATISTICAL SOCIETY, UK AND RPS ASSOCIATES & IBRAHIM SORIE YANSANEH, INTERNATIONAL CIVIL SERVICE COMMISSION, UNITED NATIONS, NEW YORK, USA	RAMESHWAR P SRIVASTAVA, RPS ASSOCIATES AND THE ROYAL STATISTICAL SOCIETY TOPIC: COMPILATION OF CONSUMER PRICE INDICES AT THE NATIONAL LEVEL, SOME EXPERIENCES FROM AFRICA, ASIA AND THE CARIBBEAN IBRAHIM SORIE YANSANEH, INTERNATIONAL CIVIL SERVICE COMMISSION, UNITED NATIONS, NEW YORK, USA TOPIC: ISSUES AND CHALLENGES IN THE MEASUREMENT OF COST OF LIVING FOR THE ADJUSTMENT OF SALARIES OF EXPATRIATE OFFICIALS OF INTERNATIONAL ORGANIZATIONS

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					<p>PEDRO LUIS DO NASCIMENTO SILVA, THE BRAZILIAN INSTITUTE FOR GEOGRAPHY AND STATISTICS (IBGE) TOPIC: CHALLENGES AND OPPORTUNITIES FOR COST OF LIVING MEASUREMENT IN THE BIG DATA ERA – PERSPECTIVES FROM BRAZIL CHAIR: RONALD JANSEN, STATISTICS DIVISION, UNITED NATIONS</p>
23RD AUGUST 2019	2.15 PM - 3.55 PM	STS-566	FORECASTING FOR CURRENCY DEMAND	NORMASITA BINTI SIDEK, BANK NEGARA MALAYSIA	<p>RICHARD FINLAY, RESERVE BANK OF AUSTRALIA TOPIC: FORECASTING BANKNOTE DEMAND AT THE RESERVE BANK OF AUSTRALIA ILUMINADA TAPIRU SICAT, REGIONAL OPERATIONS SUB-SECTOR EMAIL TOPIC: FORECASTING CURRENCY DEMAND: THE PHILIPPINE EXPERIENCE BRAM BRUIJNIS, TRANSTRACK INTERNATIONAL TOPIC: TBA DOUG BROOKS, DE LA RUE TOPIC: FORECASTING DEMAND FOR CURRENCY</p>