

62nd ISI World Statistics Congress 2019 (ISI WSC 2019)
18 – 23 August 2019 in Kuala Lumpur, Malaysia
Acceptance List of the Special Topic Session (STS)

NO.	STS NO.	TITLE	ORGANISER/ ORGANISATION
1	STS339	QUALITY ASSURANCE FRAMEWORK WITHIN THE ENTRY POINT OF STATISTICAL OFFICE : STATISTICAL BUSINESS REGISTER AND STATISTICAL ADDRESS REGISTER	ZURAI DY ZAINAL ABIDIN, DEPARTMENT OF STATISTICS MALAYSIA, STATE OF KELANTAN
2	STS346	DETECTION AND HANDLING OF OUTLIERS IN BIG DATA	RAHMATULLAH IMON, BALL STATE UNIVERSITY, USA
3	STS353	CHALLENGES AND SOLUTIONS IN ACCELERATED FAILURE TIME (AFT) MODELS FOR TIME-TO-EVENT DATA ANALYSIS AND PUBLIC HEALTH APPLICATIONS	DIN CHEN, UNIVERSITY OF NORTH CAROLINA-CHAPEL HILL
4	STS364	METHODOLOGY OF STATISTICAL OBSERVATION AND ANALYSIS OF INFORMAL EMPLOYMENT	ELENA ZAROVA, ANALYTICAL CENTRE BY GOVERNMENT OF MOSCOW
5	STS384	IMPROVING STATISTICAL LITERACY IN A DIGITAL AGE: CHALLENGES FOR DEVELOPING COUNTRIES	STEVE MACFEELY, UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT
6	STS407	THE AGRICULTURAL CENSUS AS A COMPONENT OF AN INTEGRATED STATISTICAL SYSTEM	JAIRO CASTANO, FAO
7	STS408	APPLICATION OF STATISTICS AND MACHINE LEARNING TOOLS IN FINANCE AND ACCOUNTING	KULDEEP KUMAR, BOND UNIVERSITY, AUSTRALIA
8	STS410	RECENT DEVELOPMENT OF DIRECTIONAL STATISTICS WITH APPLICATION	IBRAHIM BIN MOHAMED, UNIVERSITY OF MALAYA
9	STS419	ISLAMIC FINANCE: HARNESSING DATA ANALYTICS IN ADVANCING RISK-SHARING AND SUSTAINABLE FINANCE	HAMIM SYAHRUM AHMAD MOKHTAR, CENTRAL BANK OF MALAYSIA
10	STS420	LEVERAGING ON DATA TO IMPROVE PAYMENT PRODUCTS AND SERVICES	JAYSON POON, BANK NEGARA
11	STS423	MODERNISATION OF AGRICULTURAL STATISTICS	JOHAN SELENIUS, EUROSTAT
12	STS425	RECENT ADVANCES IN STOCHASTIC MODELLING WITH APPLICATION IN BUSINESS AND INDUSTRY	ARIFAH BAHAR, UNIVERSITI TEKNOLOGI MALAYSIA
13	STS426	STATISTICAL SOLUTION OF ASTROPHYSICAL PROBLEMS	ASIS KUMAR CHATTOPADHYAY, UNIVERSITY OF CALCUTTA, INDIA

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14	STS427	BAYESIAN COMPUTATION METHODS AND INFERENCE FOR DIFFERENTIAL EQUATION MODELS	JAERYONG LEE, SEOUL NATIONAL UNIVERSITY
15	STS429	GREEN ECONOMY AND GREEN JOBS: TOURISM SUSTAINABILITY AND THE ISSUE OF MEASUREMENT	IGOR CHERNYSHEV, GJASD INTERNATIONAL (GREEN JOBS AND SUSTAINABLE DEVELOPMENT INTERNATIONAL CENTRE)
16	STS430	RECENT ADVANCES IN FUNCTIONAL AND HIGH DIMENSIONAL STATISTICAL METHODS	ANIRVAN CHAKRABORTY, IISER KOLKATA
17	STS433	STATISTICAL MODELS FOR EVALUATING ENVIRONMENTAL POLLUTION IN NIGERIA	OLALEKAN OLALEKAN, UNIVERSITY OF IBADAN
18	STS436	RECORD VALUE THEORIES AND THEIR APPLICATIONS	MOHAMMAD AHSANULLAH, RIDER UNIVERSITY
19	STS437	STATISTICS AND DATA SCIENCE TO SOLVE PROBLEMS IN SOUTH EAST ASIA	MUHAMMAD HISYAM LEE, UNIVERSITI TEKNOLOGI MALAYSIA
20	STS441	GENERATING NEW INSIGHTS BY USING AND LINKING MICRO DATA SETS	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS (BIS)
21	STS442	CREATING COMPREHENSIVE DATA WORLDS THROUGH FORMAL STANDARDISATION AND SEMANTIC HARMONIZATION	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS (BIS)
22	STS444	ADVANCES IN MODELING DEMOGRAPHIC DATA	AREZOO BAGHERI, NATIONAL POPULATION STUDIES AND COMPREHENSIVE MANAGEMENT INSTITUTE, TEHRAN, IRAN.
23	STS446	A NEW PUBLISHING MODEL FOR UK GDP ESTIMATES	JAMES EDWARD SCRUTON, THE OFFICE FOR NATIONAL STATISTICS
24	STS447	IMPORTANCE AND DEVELOPMENT OF MERCHANDISE TRADE INDICATORS	WAN SITI ZALEHA WAN ZAKARIA, DEPARTMENT OF STATISTICS, MALAYSIA
25	STS451	A COMPREHENSIVE STATISTICAL ANALYSIS ON A LARGE-SCALED SCIENTIFIC CITATION DATABASE - WEB OF SCIENCE	FREDERICK KIN HING PHOA, ACADEMIA SINICA
26	STS452	INPUT-OUTPUT ANALYSIS	DR. NORHAYATI SHUJA', DEPARTMENT OF STATISTICS MALAYSIA

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27	STS456	“NATIONAL TRANSFER ACCOUNTS AS A TOOL TO MEASURE THE IMPACT OF DEMOGRAPHICS CHANGES”	EZATUL NISHA ABDUL RAHMAN, DEPARTMENT OF STATISTICS MALAYSIA
28	STS459	STATISTICAL METHODS AND APPLICATIONS	BEE WAH YAP, UNIVERSITI TEKNOLOGI MARA, MALAYSIA
29	STS460	THE IMPORTANCE OF EVIDENCE-BASED STATISTICS FOR ENVIRONMENTAL MANAGEMENT AND SUSTAINABLE PATHWAYS	DIRECTOR, AGRICULTURE & ENVIRONMENT STATISTICS DIVISION, DEPARTMENT OF STATISTICS MALAYSIA
30	STS461	NORDIC EXPERIENCES IN COORDINATION OF GLOBAL SDG INDICATOR COMPILATION AND ESTABLISHING DATABASE REPORTING PLATFORMS	JUKKA HOFFREN, STATISTICS FINLAND
31	STS462	YOUTH EMPOWERMENT FOR SUSTAINABLE URBAN DEVELOPMENT	MARKANDEY RAI, UN-HABITAT
32	STS463	MATERIALIZING LABOUR ACCOUNT: WAYS AND CHALLENGES	NUR LAYALI MOHD ALI KHAN, DEPARTMENT OF STATISTICS, MALAYSIA
33	STS466	INTELLIGENT DATA WAREHOUSE ENRICH SMART STATISTICS	ROсна MUHAMAD ALI, DEPARTMENT OF STATISTICS MALAYSIA
34	STS468	PROGRESS IN MEASURING INTERNATIONAL LABOUR MIGRATION: UPDATE ON CURRENT CONCEPTS, AND DERIVED STATISTICS IN SELECTED COUNTRIES	TITE HABİYAKARE, INTERNATIONAL LABOUR ORGANIZATION
35	STS474	SPATIAL AND SPATIO-TEMPORAL ANALYSIS IN SOCIAL SCIENCE	YASUMASA MATSUUDA, TOHOKU UNIVERSITY
36	STS479	LEVERAGING SOUTH-SOUTH COOPERATION IN THE MODERNIZATION OF OFFICIAL STATISTICS TOWARDS SUPPORTING THE PRODUCTION OF SDG INDICATORS	AHMAD MOHAMAD HUSSEIN, MINISTRY OF DEVELOPMENT PLANNING AND STATISTICS
37	STS480	UNLEASH THE VALUE OF ADVANCED ANALYTICS IN INSURANCE	WEI JIE SEE, BANK NEGARA MALAYSIA
38	STS483	ADVANCES IN SPATIAL AND TEMPORAL MODELLING FOR ENVIRONMENTAL DATA	SUJIT KUMAR SAHU, UNIVERSITY OF SOUTHAMPTON

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39	STS486	ENVIRONMENTAL STATISTICS AND CLIMATE CHANGE	ALESSANDRO FASSÒ, DIPARTIMENTO DI INGEGNERIA GESTIONALE, DELL'INFORMAZIONE E DELLA PRODUZIONE, UNIVERSITY OF BERGAMO, BERGAMO, ITALY
40	STS489	ADVANCES IN BAYESIAN SPATIO-TEMPORAL MODELLING OF DISEASE RISK BASED COMPLEX HOUSEHOLD SURVEYS IN SUB-SAHARAN AFRICA (SSA)	NGIANGA-BAKWIN KANDALA, UNIVERSITY OF WITWATERSRAND
41	STS490	SETTING UP COLLABORATIVE SUPPORT SYSTEMS BETWEEN ACADEMIC INSTITUTIONS TO ENHANCE DELIVERY ON INDUSTRY-INTEGRATED SKILLS DEVELOPMENT PROJECTS	DELIA NORTH, UKZN, SOUTH AFRICA
42	STS493	VISION ON FUTURE DATA COLLECTION FOR OFFICIAL STATISTICS	MARCEL VAN DER STEEN, CBS
43	STS496	SAFEGUARDING THE PROFESSIONAL INDEPENDENCE OF STATISTICIANS; THE INTERNATIONAL EXPERIENCE	EVELIO O FABBRONI, INTER-AMERICAN STATISTICAL INSTITUTE (IASI), PANAMA, REPUBLIC OF PANAMA
44	STS497	DIGITAL ECONOMY: THE DEVELOPMENT OF INDUSTRY 4.0	JOO CHIET YONG, DEPARTMENT OF STATISTICS MALAYSIA
45	STS498	BALANCING ACCURACY AND INTERPRETABILITY OF MACHINE LEARNING MODELS	TSUNG FEI KHANG, UNIVERSITY OF MALAYA
46	STS500	BIG DATA IN OFFICIAL STATISTICS: A NEW DIMENSION FOR OPERATIONAL OFFICES	MASLINA BINTI SAMSUDIN, DEPARTMENT OF STATISTICS, MALAYSIA
47	STS504	STATISTICAL MONITORING AND ITS APPLICATIONS:	KWOK L TSUI, CITY UNIVERSITY OF HONG KONG
48	STS505	PRACTICAL APPLICATIONS OF ROBUST METHODS FOR MODELLING AND ANALYZING ENVIRONMENTAL- RELATED DATA HAVING OUTLIERS	PROF DR HABSHAH MIDI, UNIVERSITI PUTRA MALAYSIA
49	STS506	BAYESIAN MODELLING OF PUBLIC HEALTH DATA IN THE PRESENCE OF SPATIAL OR TEMPORAL DEPENDENCE	MARTA BLANGIARDO, IMPERIAL COLLEGE, LONDON, UK
50	STS507	RISING TO THE CHALLENGES OF A CHANGING OFFICIAL STATISTICS WORLD	SYBILLE MCKEOWN, AUSTRALIAN BUREAU OF STATISTICS

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NO.	STS NO.	TITLE	ORGANISER/ ORGANISATION
51	STS512	ECONOMIC DATA SCIENCE – WHAT CAN DATA SCIENCE AND BIG DATA DO FOR ECONOMIC STATISTICS?	LOUISA NOLAN, OFFICE OF NATIONAL STATISTICS ONS
52	STS513	THE DEVELOPMENT OF SUSTAINABLE DEVELOPMENT GOALS (SDGS) INDICATOR SYSTEM: THE PHILIPPINE CASE	JOSEFINA VENEGAS ALMEDA, PHILIPPINE STATISTICAL RESEARCH AND TRAINING INSTITUTE
53	STS514	APPROACHES IN VALIDATING MACHINE-LEARNING MODELS FOR MANAGEMENT OF CREDIT RISK	SYAZWANI HAMSANI, BANK NEGARA MALAYSIA
54	STS515	TRAINING DATA SCIENTISTS AT UNIVERSITY FOR REWARDING CAREERS	JOHN HARRAWAY, UNIVERSITY OF OTAGO
55	STS517	CLASSICAL AND NONCLASSICAL INFINITE DIVISIBILITY, THEIR ANALYSIS AND APPLICATIONS: PART 1	VICTOR PEREZ ABREU, CENTER FOR RESEARCH IN MATHEMATICS
56	STS518	CLASSICAL AND NONCLASSICAL INFINITE DIVISIBILITY, THEIR ANALYSIS AND APPLICATIONS: PART 2	VICTOR PEREZ ABREU, CENTER FOR RESEARCH IN MATHEMATICS
57	STS520	SMART CITIES IN ISKANDAR MALAYSIA: PERSPECTIVE ON BIG DATA APPLICATION	WAN MOHD SHAHRULNIZAM BIN WAN MOHD NAJURI, DEPARTMENT OF STATISTICS MALAYSIA, JOHOR
58	STS523	ADMINISTRATIVE DATA AS ALTERNATIVE AND RELIABLE SOURCES OF OFFICIAL STATISTICS	SHAZURA ZAINOL ABIDIN, BANK NEGARA MALAYSIA
59	STS535	JOINT MODELING OF TIME-TO-EVENTS AND LONGITUDINAL MARKERS WITH RELEVANCE TO PERSONALIZED INTERVENTIONS	EDSEL ALDEA PENA, UNIVERSITY OF SOUTH CAROLINA
60	STS538	ISSUES AND CHALLENGES IN THE MEASUREMENT OF COST OF LIVING - INTERNATIONAL PERSPECTIVES.	RAMESHWAR P SRIVASTAVA, RPS ASSOCIATES AND THE ROYAL STATISTICAL SOCIETY
61	STS539	STATISTICAL PROCESS MONITORING IN TWENTY FIRST CENTURY	AMITAVA MUKHERJEE, XLRI - XAVIER SCHOOL OF MANAGEMENT
62	STS540	RECENT ADVANCEMENT IN STATISTICAL PROCESS MONITORING AND ITS APPLICATIONS	AMITAVA MUKHERJEE, XLRI - XAVIER SCHOOL OF MANAGEMENT
63	STS541	THE RESPONSE OF THE NATIONAL STATISTICAL OFFICES IN CASE OF NATURAL DISASTERS.	JOSE ARTURO BLANCAS, NATIONAL INSTITUTE OF STATISTICS AND GEOGRAPHY OF MEXICO

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64	STS543	MEASURING THE IMPACT OF POLICIES WITH CREDIT REGISTRY DATA	KAREN LEE, BANK NEGARA MALAYSIA
65	STS544	NOWCASTING AND FORECASTING OF MACROECONOMIC VARIABLES: ROLE OF INDICATORS AND REAL-TIME DATA	BAOLINE CHEN, US BUREAU OF ECONOMIC ANALYSIS
66	STS545	STATISTICAL EDUCATION OR STATISTICAL LITERACY? WAYS TO ADDRESS THEM.	ADRIANA GRACIELA D´AMELIO, UNIVERSIDAD NACIONAL DE CUYO
67	STS547	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
68	STS550	NOWCASTING AND FORECASTING OF MACROECONOMIC VARIABLES: MODEL AVERAGING AND SIMILAR TECHNIQUES	KYLE HOOD, U.S. BUREAU OF ECONOMIC ANALYSIS
69	STS551	ON SOME APPLICATIONS OF BAYESIAN STATISTICAL MODELLING	ADRIANA IRAWATI NUR IBRAHIM, UNIVERSITY OF MALAYA
70	STS555	RECENT NON-PARAMETRIC APPROACHES : APPLICATIONS TO ENVIRONNEMENTALES, HYDROLOGICAL, OCEANOLOGICAL AND ECONOMIC DATA ANALYSES	SOPHIE DABO-NIANG, UNIVERSITY OF LILLE, INRIA-MODAL, FRANCE
71	STS556	ADVANCED STATISTICAL MODELING FOR DATA ANALYSTS	ROSSITA YUNUS, UNIVERSITY OF MALAYA
72	STS557	APPLYING QUANTITATIVE TECHNIQUES TO DEVELOP OPTIMAL INVESTMENT STRATEGIES FOR INSURERS	DAVID ROSEBURGH, ABERDEEN STANDARD INVESTMENTS
73	STS558	DEVELOPMENT OF END-TO-END INTEGRATED SOLUTION FOR STATISTICAL REPORTING: OPPORTUNITIES AND CHALLENGES	ALEX CHIN THIAM KHOR, OCEAN BRIDGE SDN BHD
74	STS559	PRE-EMPTIVE STRIKE AGAINST MONEY LAUNDERING AND TERRORIST FINANCING USING BIG DATA ANALYTICS AND ARTIFICIAL INTELLIGENCE	XIANG LEE, BANK NEGARA MALAYSIA
75	STS560	ADVANCING TO THE NEXT STAGE OF TALENT ANALYTICS USING PSYCHOMETRIC ASSESSMENTS	MAZLINA MUHAMAD, BANK NEGARA MALAYSIA

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76	STS563	PRODUCING POPULATION ESTIMATES FROM ADMINISTRATIVE DATA SOURCES – HOW TO DEAL WITH UNDER- AND OVER-COVERAGE ERROR.	TRACEY SAVAGE, STATS NZ
77	STS564	INTEGRATING MICRO- AND MACRO-DATA FOR BETTER CREDIT ASSESSMENT	CHEE MAY YEE, BANK NEGARA MALAYSIA
78	STS566	FORECASTING FOR CURRENCY DEMAND	DR. NORMASITA SIDEK, BANK NEGARA MALAYSIA
79	STS567	EFFECTIVE COMMUNICATION: WHAT EVERY YOUNG STATISTICIAN SHOULD KNOW	TAMANNA HOWLADER, INSTITUTE OF STATISTICAL RESEARCH AND TRAINING-DHAKA UNIVERSITY, BANGLADESH
80	STS570	MULTINATIONAL PROFIT SHIFTING AND ILLICIT FLOWS – CAN WE MEASURE THEM?	FERNANDO CANTU, UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT (UNCTAD)
81	STS571	DEVELOPING MOBILE POSITIONING DATA FOR OFFICIAL STATISTICS: EXPERIENCES FROM EUROPE AND ASIA	TITI KANTI LESTARI, BPS STATISTICS INDONESIA
82	STS573	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)
83	STS577	RECENT ADVANCES IN STATISTICS AND COMPUTATION	NOR AISHAH HAMZAH, UNIVERSITY OF MALAYA
84	STS578	ADVANCES IN STATISTICS AND MACHINE LEARNING FOR FINANCE	BRUNO DUPIRE, BLOOMBERG L.P.
85	STS579	ASYMPTOTIC BEHAVIOR AND NUMERICAL SIMULATION OF STOCHASTIC EVOLUTIONARY SYSTEMS	ELENA YAROVAYA, LOMONOSOV MOSCOW STATE UNIVERSITY
86	STS580	ADVANCES AND APPLICATIONS OF STATISTICAL PROCESS MONITORING	SOTIRIS BERSIMIS, UNIVERSITY OF PIRAEUS, GREECE
87	STS582	STATISTICAL ANALYSIS OF COMPLEX DATA IN STATISTICAL GENETICS AND BIOINFORMATICS	SHILI LIN, OHIO STATE UNIVERSITY
88	STS583	GEOSPATIAL INFORMATION FOR INTERNATIONAL STATISTICS	PIETRO GENNARI, FAO
89	STS587	MEASUREMENT ISSUES IN AN AGE OF DIGITAL TECHNOLOGIES	YAFEI WANG, BEIJING NORMAL UNIVERSITY, CHINA
90	STS592	RECENT ISSUES IN ACTUARY AND ECONOMICS	DR MOHD AZMI HARON, UNIVERSITY OF MALAYA

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91	STS633	STATISTICAL METHODS FOR VARIABLE-GROUP SELECTION IN HIGH DIMENSIONAL REGRESSION	ANANG KURNIA, BOGOR AGRICULTURAL UNIVERSITY
92	STS637	NATIONAL STATISTICAL OFFICES IN THE DATA SCIENCE ERA	MOSTAFA SAAF BADWAY, CENTRAL AGENCY FOR PUBLIC MOBILIZATION AND STATISTICS
93	STS643	NEW BAYES METHODS FOR BIG DATA SETS AND COMPLEX MODELS	GEOFFREY K. NICHOLLS, DEPARTMENT OF STATISTICS, OXFORD UNIVERSITY, UK