

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	#	TITLE	ORGANISER / ORGANISATION
1	STS-339	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 SELANGOR
2	STS-346	DETECTION AND HANDLING OF OUTLIERS IN BIG DATA	IMON RAHMATULLAH, BALL STATE UNIVERSITY, USA
3	STS-353	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	STS-364	METHODOLOGY OF STATISTICAL OBSERVATION AND ANALYSIS OF INFORMAL EMPLOYMENT	ELENA ZAROVA, ANALYTICAL CENTRE BY MOSCOW CITY GOVERNMENT
5	STS-384	IMPROVING STATISTICAL LITERACY IN A DIGITAL AGE: CHALLENGES FOR DEVELOPING COUNTRIES	STEVE MACFEELY, UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT
6	STS-407	THE AGRICULTURAL CENSUS AS A COMPONENT OF AN INTEGRATED STATISTICAL SYSTEM	JAIRO CASTANO, FAO
7	STS-408	APPLICATION OF STATISTICS AND MACHINE LEARNING TOOLS IN FINANCE AND ACCOUNTING	KULDEEP KUMAR, BOND UNIVERSITY
8	STS-410	RECENT DEVELOPMENT OF DIRECTIONAL STATISTICS WITH APPLICATION	IBRAHIM BIN MOHAMED, UNIVERSITY OF MALAYA
9	STS-419	ISLAMIC FINANCE: HARNESSING DATA ANALYTICS IN ADVANCING RISK-SHARING AND SUSTAINABLE FINANCE	HAMIM SYAHRUM AHMAD MOKHTAR, CENTRAL BANK OF MALAYSIA
10	STS-420	LEVERAGING ON DATA TO IMPROVE PAYMENT PRODUCTS AND SERVICES	JAYSON POON, BANK NEGARA
11	STS-423	MODERNISATION OF AGRICULTURAL STATISTICS	JOHAN SELENIUS, EUROSTAT
12	STS-425	RECENT ADVANCES IN STOCHASTIC MODELLING WITH APPLICATION IN BUSINESS AND INDUSTRY	ARIFAH BAHAR, UNIVERSITI TEKNOLOGI MALAYSIA
13	STS-426	STATISTICAL SOLUTION OF ASTROPHYSICAL PROBLEMS	ASIS KUMAR CHATTOPADHYAY, UNIVERSITY OF CALCUTTA

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14	STS-427	BAYESIAN COMPUTATION METHODS AND INFERENCE FOR DIFFERENTIAL EQUATION MODELS	JAEYONG LEE, SEOUL NATIONAL UNIVERSITY
15	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)
16	STS-430	RECENT ADVANCES IN FUNCTIONAL AND HIGH DIMENSIONAL STATISTICAL METHODS	ANIRVAN CHAKRABORTY, IISER KOLKATA
17	STS-433	STATISTICAL MODELS FOR EVALUATING ENVIRONMENTAL POLLUTION IN NIGERIA	OLALEKAN KAZEEM OBISESAN, UNIVERSITY OF IBADAN
18	STS-436	RECORD VALUE THEORIES AND THEIR APPLICATIONS	MOHAMMAD AHSANULLAH, RIDER UNIVERSITY
19	STS-437	STATISTICS AND DATA SCIENCE TO SOLVE PROBLEMS IN SOUTH EAST ASIA	MUHAMMAD HISYAM LEE, UNIVERSITI TEKNOLOGI MALAYSIA
20	STS-441	GENERATING NEW INSIGHTS BY USING AND LINKING MICRO DATA SETS	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS
21	STS-442	CREATING COMPREHENSIVE DATA WORLDS THROUGH FORMAL STANDARDISATION AND SEMANTIC HARMONIZATION	BRUNO TISSOT, BANK FOR INTERNATIONAL SETTLEMENTS
22	STS-444	ADVANCES IN MODELING DEMOGRAPHIC DATA	AREZOO BAGHERI, NATIONAL POPULATION STUDIES AND COMPREHENSIVE MANAGEMENT INSTITUTE, TEHRAN, IRAN
23	STS-446	A NEW PUBLISHING MODEL FOR UK GDP ESTIMATES	EXPERT USER (TBC) EXPERT USER (TBC), THE OFFICE FOR NATIONAL STATISTICS
24	STS-447	IMPORTANCE AND DEVELOPMENT OF MERCHANDISE TRADE INDICATORS	WAN SITI ZALEHA WAN ZAKARIA, DEPARTMENT OF STATISTICS, MALAYSIA
25	STS-451	A COMPREHENSIVE STATISTICAL ANALYSIS ON A LARGE-SCALED SCIENTIFIC CITATION DATABASE - WEB OF SCIENCE	FREDERICK KIN HING PHOA, ACADEMIA SINICA
26	STS-452	INPUT-OUTPUT ANALYSIS	DR. NORHAYATI SHUJA', DEPARTMENT OF STATISTICS MALAYSIA

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27	STS-456	“NATIONAL TRANSFER ACCOUNTS AS A TOOL TO MEASURE THE IMPACT OF DEMOGRAPHICS CHANGES”	EZATUL NISHA ABDUL RAHMAN, DEPARTMENT OF STATISTICS MALAYSIA
28	STS-459	STATISTICAL METHODS AND APPLICATIONS	BEE WAH YAP, UNIVERSITI TEKNOLOGI MARA
29	STS-460	THE IMPORTANCE OF EVIDENCE-BASED STATISTICS FOR ENVIRONMENTAL MANAGEMENT AND SUSTAINABLE PATHWAYS	ROSLAWATI BINTI YAHYA, DEPARTMENT OF STATISTICS MALAYSIA
30	STS-461	NORDIC EXPERIENCES IN COORDINATION OF GLOBAL SDG INDICATOR COMPILATION AND ESTABLISHING DATABASE REPORTING PLATFORMS	JUKKA HOFFREN, STATISTICS FINLAND
31	STS-462	YOUTH EMPOWERMENT FOR SUSTAINABLE URBAN DEVELOPMENT	MARKANDEY RAI, UN-HABITAT
32	STS-463	MATERIALIZING LABOUR ACCOUNT: WAYS AND CHALLENGES	NUR LAYALI MOHD ALI KHAN, DEPARTMENT OF STATISTICS, MALAYSIA
33	STS-466	INTELLIGENT DATA WAREHOUSE ENRICH SMART STATISTICS	ROSNAH MUHAMAD ALI, DEPARTMENT OF STATISTICS MALAYSIA
34	STS-468	PROGRESS IN MEASURING INTERNATIONAL LABOUR MIGRATION: UPDATE ON CURRENT CONCEPTS, AND DERIVED STATISTICS IN SELECTED COUNTRIES	TITE HABİYAKARE, INTERNATIONAL LABOUR ORGANIZATION (ILO)
35	STS-474	SPATIAL AND SPATIO-TEMPORAL ANALYSIS IN SOCIAL SCIENCE	YASUMASA MATSUUDA, TOHOKU UNIVERSITY
36	STS-479	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	STS-480	UNLEASH THE VALUE OF ADVANCED ANALYTICS IN INSURANCE	WEI JIE SEE, BANK NEGARA MALAYSIA
38	STS-483	ADVANCES IN SPATIAL AND TEMPORAL MODELLING FOR ENVIRONMENTAL DATA	SUJIT SAHU, 1966

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39	STS-486	ENVIRONMENTAL STATISTICS AND CLIMATE CHANGE	ALESSANDRO FASSÒ, DIPARTIMENTO DI INGEGNERIA GESTIONALE, DELL'INFORMAZIONE E DELLA PRODUZIONE, UNIVERSITY OF BERGAMO, BERGAMO, ITALY
40	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
41	STS-490	SETTING UP COLLABORATIVE SUPPORT SYSTEMS BETWEEN ACADEMIC INSTITUTIONS TO ENHANCE DELIVERY ON INDUSTRY-INTEGRATED SKILLS DEVELOPMENT PROJECTS	DELIA NORTH, UKZN
42	STS-493	VISION ON FUTURE DATA COLLECTION FOR OFFICIAL STATISTICS	MARCEL VAN DER STEEN, CBS
43	STS-496	SAFEGUARDING THE PROFESSIONAL INDEPENDENCE OF STATISTICIANS; THE INTERNATIONAL EXPERIENCE	EVELIO O, FABBRONI, INTER-AMERICAN STATISTICAL INSTITUTE (IASI)
44	STS-497	DIGITAL ECONOMY: THE DEVELOPMENT OF INDUSTRY 4.0	JOO CHIET YONG, DEPARTMENT OF STATISTICS MALAYSIA
45	STS-498	BALANCING ACCURACY AND INTERPRETABILITY OF MACHINE LEARNING MODELS	TSUNG FEI KHANG, UNIVERSITY OF MALAYA
46	STS-500	BIG DATA IN OFFICIAL STATISTICS: A NEW DIMENSION FOR OPERATIONAL OFFICES	MASLINA BINTI SAMSUDIN, DEPARTMENT OF STATISTICS, MALAYSIA
47	STS-504	STATISTICAL MONITORING AND ITS APPLICATIONS:	KWOK TSUI, CITY UNIVERSITY OF HONG KONG
48	STS-505	PRACTICAL APPLICATIONS OF ROBUST METHODS FOR MODELLING AND ANALYZING ENVIRONMENTAL- RELATED DATA HAVING OUTLIERS	HABSHAH MIDI, UNIVERSITI PUTRA MALAYSIA
49	STS-506	BAYESIAN MODELLING OF PUBLIC HEALTH DATA IN THE PRESENCE OF SPATIAL OR TEMPORAL DEPENDENCE	MARTA BLANGIARDO, IMPERIAL COLLEGE
50	STS-507	RISING TO THE CHALLENGES OF A CHANGING OFFICIAL STATISTICS WORLD	SYBILLE MCKEOWN, AUSTRALIAN BUREAU OF STATISTICS

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51	STS-512	ECONOMIC DATA SCIENCE – WHAT CAN DATA SCIENCE AND BIG DATA DO FOR ECONOMIC STATISTICS?	LOUISA NOLAN, OFFICE OF NATIONAL STATISTICS ONS
52	STS-513	THE DEVELOPMENT OF SUSTAINABLE DEVELOPMENT GOALS (SDGS) INDICATOR SYSTEM: THE PHILIPPINE CASE	JOSEFINA VENEGAS ALMEDA, PHILIPPINE STATISTICAL RESEARCH AND TRAINING INSTITUTE
53	STS-514	APPROACHES IN VALIDATING MACHINE-LEARNING MODELS FOR MANAGEMENT OF CREDIT RISK	SYAZWANI HAMSANI, BANK NEGARA MALAYSIA
54	STS-515	TRAINING DATA SCIENTISTS AT UNIVERSITY FOR REWARDING CAREERS	JOHN HARRAWAY, UNIVERSITY OF OTAGO
55	STS-517	CLASSICAL AND NONCLASSICAL INFINITE DIVISIBILITY, THEIR ANALYSIS AND APPLICATIONS: PART 1	VICTOR PEREZ ABREU, CENTER FOR RESEARCH IN MATHEMATICS
56	STS-518	CLASSICAL AND NONCLASSICAL INFINITE DIVISIBILITY, THEIR ANALYSIS AND APPLICATIONS: PART 2	VICTOR PEREZ ABREU, CENTER FOR RESEARCH IN MATHEMATICS
57	STS-520	SMART CITIES IN ISKANDAR MALAYSIA: PERSPECTIVE ON BIG DATA APPLICATION	SUHAILA BINTI JALIL, DEPARTMENT OF STATISTICS MALAYSIA
58	STS-523	ADMINISTRATIVE DATA AS ALTERNATIVE AND RELIABLE SOURCES OF OFFICIAL STATISTICS	SHAZURA ZAINOL ABIDIN, BANK NEGARA MALAYSIA
59	STS-535	JOINT MODELING OF TIME-TO-EVENTS AND LONGITUDINAL MARKERS WITH RELEVANCE TO PERSONALIZED INTERVENTIONS	EDSEL ALDEA PENA, UNIVERSITY OF SOUTH CAROLINA
60	STS-538	ISSUES AND CHALLENGES IN THE MEASUREMENT OF COST OF LIVING - INTERNATIONAL PERSPECTIVES.	RAMESHWAR SRIVASTAVA, THE ROYAL STATISTICAL SOCIETY, UK AND RPS ASSOCIATES
61	STS-539	STATISTICAL PROCESS MONITORING IN TWENTY FIRST CENTURY	AMITAVA MUKHERJEE, XLRI - XAVIER SCHOOL OF MANAGEMENT
62	STS-540	RECENT ADVANCEMENT IN STATISTICAL PROCESS MONITORING AND ITS APPLICATIONS	AMITAVA MUKHERJEE, XLRI - XAVIER SCHOOL OF MANAGEMENT

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NO	#	TITLE	ORGANISER / ORGANISATION
63	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
64	STS-543	MEASURING THE IMPACT OF POLICIES WITH CREDIT REGISTRY DATA	KAREN LEE, CENTRAL BANK OF MALAYSIA
65	STS-544	NOWCASTING AND FORECASTING OF MACROECONOMIC VARIABLES: ROLE OF INDICATORS AND REAL-TIME DATA	BAOLINE CHEN, BUREAU OF ECONOMIC ANALYSIS
66	STS-545	STATISTICAL EDUCATION OR STATISTICAL LITERACY? WAYS TO ADDRESS THEM.	ADRIANA GRACIELA D'AMELIO, UNIVERSIDAD NACIONAL DE CUYO
67	STS-547	WHAT TO DO WHEN OUR ASSUMPTIONS FAIL? EXTENDING DUAL AND MULTIPLE SYSTEMS POPULATION ESTIMATION TO MEET THE CHALLENGES OF MODERN DATA SOURCES.	TRACEY SAVAGE, STATS NZ
68	STS-550	NOWCASTING AND FORECASTING OF MACROECONOMIC VARIABLES: MODEL AVERAGING AND SIMILAR TECHNIQUES	KYLE K HOOD, US BUREAU OF ECONOMIC ANALYSIS
69	STS-551	ON SOME APPLICATIONS OF BAYESIAN STATISTICAL MODELLING	ADRIANA IRAWATI NUR IBRAHIM, UNIVERSITY OF MALAYA
70	STS-555	RECENT NON-PARAMETRIC APPROACHES : APPLICATIONS TO ENVIRONNEMENTALES, HYDROLOGICAL, OCEANOLOGICAL AND ECONOMIC DATA ANALYSES	SOPHIE DABO-NIANG, UNIVERSITY OF LILLE, INRIA-MODAL
71	STS-556	ADVANCED STATISTICAL MODELING FOR DATA ANALYSTS	ROSSITA M YUNUS, UNIVERSITY OF MALAYA, MALAYSIA
72	STS-557	APPLYING QUANTITATIVE TECHNIQUES TO DEVELOP OPTIMAL INVESTMENT STRATEGIES FOR INSURERS	DAVID ROSEBURGH, ABERDEEN STANDARD INVESTMENTS
73	STS-558	DEVELOPMENT OF END-TO-END INTEGRATED SOLUTION FOR STATISTICAL REPORTING: OPPORTUNITIES AND CHALLENGES	ALEX CHIN THIAM KHOR, OCEAN BRIDGE SDN BHD
74	STS-559	PRE-EMPTIVE STRIKE AGAINST MONEY LAUNDERING AND TERRORIST FINANCING USING BIG DATA ANALYTICS AND ARTIFICIAL INTELLIGENCE	XIANG LEE, BANK NEGARA MALAYSIA

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75	STS-560	ADVANCING TO THE NEXT STAGE OF TALENT ANALYTICS USING PSYCHOMETRIC ASSESSMENTS	MAZLINA MUHAMAD, BANK NEGARA MALAYSIA
76	STS-563	PRODUCING POPULATION ESTIMATES FROM ADMINISTRATIVE DATA SOURCES – HOW TO DEAL WITH UNDER- AND OVER-COVERAGE ERROR.	TRACEY SAVAGE, STATS NZ
77	STS-566	FORECASTING FOR CURRENCY DEMAND	NORMASITA SIDEK, BANK NEGARA MALAYSIA
78	STS-567	EFFECTIVE COMMUNICATION: WHAT EVERY YOUNG STATISTICIAN SHOULD KNOW	MST HOWLADER TAMANNA, UNIVERSITY OF DHAKA
79	STS-570	MULTINATIONAL PROFIT SHIFTING AND ILLICIT FLOWS – CAN WE MEASURE THEM?	FERNANDO CANTU, UNITED NATIONS CONFERENCE FOR TRADE AND DEVELOPMENT (UNCTAD)
80	STS-571	DEVELOPING MOBILE POSITIONING DATA FOR OFFICIAL STATISTICS: EXPERIENCES FROM EUROPE AND ASIA	TITI KANTI LESTARI, BPS STATISTICS INDONESIA
81	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)
82	STS-577	RECENT ADVANCES IN STATISTICS AND COMPUTATION	NOR AISHAH HAMZAH, UNIVERSITY OF MALAYA
83	STS-578	ADVANCES IN STATISTICS AND MACHINE LEARNING FOR FINANCE	BRUNO DUPIRE, BLOOMBERG L.P.
84	STS-579	ASYMPTOTIC BEHAVIOR AND NUMERICAL SIMULATION OF STOCHASTIC EVOLUTIONARY SYSTEMS	ELENA YAROVAYA, LOMONOSOV MOSCOW STATE UNIVERSITY
85	STS-580	ADVANCES AND APPLICATIONS OF STATISTICAL PROCESS MONITORING	SOTIRIS BERSIMIS, UNIVERSITY OF PIRAEUS
86	STS-582	STATISTICAL ANALYSIS OF COMPLEX DATA IN STATISTICAL GENETICS AND BIOINFORMATICS	SHILI LIN, OHIO STATE UNIVERSITY
87	STS-583	GEOSPATIAL INFORMATION FOR INTERNATIONAL STATISTICS	PIETRO GENNARI, FAO
88	STS-587	MEASUREMENT ISSUES IN AN AGE OF DIGITAL TECHNOLOGIES	YAFEI WANG, BEIJING NORMAL UNIVERSITY

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89	STS-592	RECENT ISSUES IN ACTUARY AND ECONOMICS	MOHD AZMI HARON, UNIVERSITY OF MALAYA
90	STS-633	STATISTICAL METHODS FOR VARIABLE-GROUP SELECTION IN HIGH DIMENSIONAL REGRESSION	ANANG KURNIA, BOGOR AGRICULTURAL UNIVERSITY
91	STS-637	NATIONAL STATISTICAL OFFICES IN THE DATA SCIENCE ERA	DR. MOHAMED ISMAIL, FACULTY OF ECONOMY AND POLITICAL SCIENCES
92	STS-643	NEW BAYES METHODS FOR BIG DATA SETS AND COMPLEX MODELS	GEOFFREY K. NICHOLLS, DEPARTMENT OF STATISTICS, OXFORD UNIVERSITY, UK