2013 Joint IASE/IAOS Satellite Conference
Statistics Education for Progress: Youth and Official Statistics

Programme Schedule*
(Updated on July 23, 2013)

AUGUST 21, 2013 (WEDNESDAY)

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<tr>
<td>15:00-18:00</td>
<td>Pre-Registration</td>
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<td></td>
<td>Macau Tower, 3/F</td>
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<tr>
<td>16:00-18:00</td>
<td>Conference Meetings – Committee Members and Session Chairs</td>
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<tr>
<td></td>
<td>To Be Announced</td>
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<tr>
<td>18:00-20:30</td>
<td>Welcome Reception – Welcome Drinks &amp; Light Buffet Dinner</td>
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<td>Grand Hall</td>
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AUGUST 22, 2013 (THURSDAY)

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<tr>
<td>08:30-09:30</td>
<td>Registration with Coffee Reception</td>
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OPENING CEREMONY 09:30-10:00

Prof. Tae Rim Lee
Conference and Programme Chair

Ms. Vanessa P. F. Kong
Director, Statistics and Census Service, Macao SAR

Prof. Wei Zhao
Rector, University of Macau, Macao SAR

Mr. John A. Harraway
President of International Association for Statistical Education

Prof. Shigeru Kawasaki
President-Elect of International Association for Official Statistics

KEYNOTE SPEECH I 10:00-11:00

Topic: Teaching Statistics Students to be Collaborative Statisticians

Prof. Shrikant I. Bangdiwala, The University of North Carolina at Chapel Hill, USA

Chair: Prof. Tae Rim Lee, Korea National Open University, Republic of Korea
(Conference and Programme Chair)
Refreshment Break

11:00-11:30
Foyer

KEYNOTE SPEECH II
11:30-12:30
Grand Hall

Prof. Frederick W. H. Ho, University of Hong Kong, Hong Kong SAR

Topic: To Be Announced
Chair: Ms. Vanessa P. F. Kong, Director of Statistics and Census Service, Macao SAR (Honorary Conference Co-Chair)

WELCOME LUNCH
12:30-14:15
Banquet Hall (4/F)

PARALLEL PAPER SESSIONS
14:15-15:45

Session 1.1.0 Enthusing the Youth and Teachers
Chair: Iddo Gal, University of Haifa, Israel

1.1.1 Teaching Introductory Statistics for Evidence-Based Practice: Integration of Context
Presenter: Rossi A. Hassad, Mercy College (New York), USA

1.1.2 Educational Uses of Youth Statistics for the Revised Tertiary General Education Curriculum in the Philippines
Presenters: Enriqueta Reston, University of San Carlos, the Philippines
Liza Lorena C. Jala, University of Cebu, the Philippines

1.1.3 Hands-On Data Activities in the Classroom - Enthusing Teachers and Students
Presenter: Bradley Payne, Conker Statistics, UK

1.1.4 Teaching Probability Using Google Site
Presenter: Teresita Terán, National University of Rosario, Argentina

Session 1.2.0 Research and Statistical Education
Chair: Hang Fai Yeung, University of Macau, Macao SAR
1.2.1 Enthusing Students Towards Statistical Literacy Using Transformative Learning Paradigm: Implementation and Appraisal
Presenter: Shirlee Ocampo, *De La Salle University, the Philippines*

1.2.2 The Use of a Hierarchical Construct to Investigate Students’ Learning of Inferential Statistics
Presenter: Saras Krishnan, *University of Malaya, Malaysia*

1.2.3 Integrating Statistics: Doing Research in Undergraduate Studies
Presenter: Maria Eugénia Ferrão, *University of Beira Interior, Portugal*

1.2.4 Students’ Emerging Expressions of Uncertainty while Making Informal Statistical Inferences about Data and Using Dynamic Statistics Software
Presenter: Theodosia Prodromou, *University of New England, Australia*

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**POSTER DISPLAYS**

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<th>Location</th>
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<td>14:15-17:30</td>
<td>Conference Posters</td>
<td>GH 3A</td>
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<td></td>
<td>International Statistical Literacy Project Posters</td>
<td>GH 3B</td>
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Coffee Break

15:45-16:00

Foyer

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**PARALLEL PAPER SESSIONS**

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<td>16:00-17:30</td>
<td>Session 1.3.0 Novel Approaches to Statistics Education</td>
<td>GH 1</td>
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Chair: Roxy Peck, *California Polytechnic State University, USA*

1.3.1 On the Role of Official Statistics in Business Study Programmes
Presenter: Irena Ograjenšek, *University of Ljubljana, Slovenia*

1.3.2 Analysis of Variance and its Applications in Macao Educational Research
Presenter: Jasmine I. I. Chan, *South China Normal University, China*

1.3.3 E-Learning or Blended Learning - Enriching Statistics for Business Students
Presenter: Manfred Borovcnik, *University of Klagenfurt, Austria*
1.3.4 *Vamos Contar*: A Communication Channel between IBGE and Brazilian Educators

Presenter: Tatiana Barboza Miranda, *Instituto Brasileiro de Geografia e Estatística, Brazil*

**Session 1.4.0  Broader Issues in Statistics Education**  
* GH 2

Chair: Penelope Bidgood, *Kingston University, UK*

1.4.1 Enabling Learners to Discover Real Stories in Official Statistics with a New Synthetic Unit Record File of the New Zealand Income Survey 2011

Presenter: Andrew Tideswell, *Statistics New Zealand*

1.4.2 Quality Assessment of Statistical Education by Japan Statistical Society

Presenter: Shigeru Kawasaki, *Nihon University, Japan*

1.4.3 Statistics Education in New Zealand, and its Influence on the IASE

Presenter: Sharleen Forbes, *Statistics New Zealand and Victoria University of Wellington, New Zealand*

1.4.4 Interactive Wiki

Presenter: Juha Puranen, *University of Helsinki, Finland*

**WRAP-UP SESSION**  
* 17:30-18:30

**Session 1.5.0**  
* Grand Hall

Chair: Brian Phillips, *Swinburne University of Technology, Australia*

Free Evening

**AUGUST 23, 2013 (FRIDAY)**

Late Registration with Coffee Reception  
* 08:30-09:05

Macau Tower, 3/F

**KEYNOTE SPEECH III**  
* 09:05-10:20

Topic: *INCENSE: Insights into Inciting Debates around Census Data*  
* Grand Hall*
Prof. Jim Ridgway, Durham University, UK
Mr. Alan Smith, Office for National Statistics, UK
Chair: Mr. Stephen Penneck, Office for General Statistics, UK (President of International Association for Official Statistics)

Coffee Break 10:20-10:35
Foyer

KEYNOTE SPEECH IV 10:35-11:35
Topic: Official Statistics of the Youth, by the Youth and for the Youth
Grand Hall
Dr. Margarita F. Guerrero, United Nations Statistical Institute for Asia and the Pacific
Chair: Mr. John A. Harraway, University of Otago, New Zealand (President of International Association for Statistical Education)

Coffee Break 11:35-11:50
Foyer

PARALLEL PAPER SESSIONS 11:50-13:00
Session 2.1.0 Building upon Successful Projects
GH 1
Chair: Grace Q. Fu, University of Macau, Macao SAR

2.1.1 Challenge for the ISLP Project: Promotion of Statistical Literacy and User Skills Worldwide through a Co-Operation Network
Presenter: Reija Helenius, Statistics Finland

2.1.2 Statistics Learning Environment for Students through Japanese CensusAtSchool Project
Presenter: Kazuhiro Aoyama, Aichi University of Education, Japan

2.1.3 Simulating the Data Investigative Cycle in Less Than Two Hours: Using a Virtual Human Population, Cloud Collaboration Technology and a Statistical Package to Engage Students in a Quantitative Research Methods Course
Presenter: James Baglin, RMIT University, Australia
Session 2.2.0  Learning, Disseminating and Using Official Statistics

Chair: Ron Wasserstein, *American Statistical Association*

2.2.1 Interactive Content and Dynamic Publishing - A Vital Part of an NSO’s Output and Communication Strategy
   Presenter: Jenine Borowik, *Australian Bureau of Statistics*

2.2.2 Integrating the Use of Official Statistics in Mainstream Curricula through Data Visualisation
   Presenter: James Nicholson, *Durham University, UK*

2.2.3 Development of Synthetic Microdata for Educational Use in Japan
   Presenter: Shinsuke Ito, *National Statistics Center, Japan*

POSTER DISPLAYS 11:50-13:00

- Conference Posters
- International Statistical Literacy Project Posters

Lunch 13:00-14:30
Banquet Hall (4/F)

KEYNOTE SPEECH V 14:30-15:30

Topic: *Statistical Information in Fast Economic Development Region*
Grand Hall

Prof. Lai Kow Chan, *Macau University of Science and Technology, Macao SAR*

Chair: Mr. Paul M. C. Ieong, *Deputy Director of Statistics and Census Service, Macao SAR* (Co-Chair of Organizing Committee)

Coffee Break 15:30-15:45
Foyer

PARALLEL PAPER SESSIONS 15:45-16:55
Session 2.3.0 Using Official Statistics to Promote Statistical Literacy

Chair: Peter Petocz, *Macquarie University, Australia*

2.3.1 Promoting Statistical Literacy among Students
Presenter: Vivian W. Y. Chan, *Census and Statistics Department, Hong Kong SAR*

2.3.2 Statistical Literacy: Bringing Concepts to Life in our Diverse and Ever Changing User Communities - the Experience of the Australian Bureau of Statistics
Presenter: Jonathan Palmer, *Australian Bureau of Statistics*

2.3.3 Training Human Resources for the National Population Census 2010 in Argentina
Presenter: Liliana C. Severino, *National University of Rosario, Argentina*

Session 2.4.0 Disseminating Official Statistics into the Real World of Youth

Chair: Keiko Osaki-Tomita, *Demographic and Social Statistics Branch, United Nations Statistics Division, USA*

2.4.1 Another Brick in the Wall - Improving Statistical Literacy in Ireland
Presenter: Steve MacFeely, *Central Statistics Office, Ireland*

2.4.2 Statistics Education Initiatives by Japanese Official Statistics
Presenter: Naoki Makita, *National Statistics Center, Japan*

2.4.3 Increasing Statistical Literacy through Cooperation between National Statistics Offices and Universities: A New Zealand Experience
Presenter: John A. Harraway, *University of Otago, New Zealand*

Coffee Break

16:55-17:10
Foyer

PARALLEL PAPER SESSIONS 17:10-18:20

Session 2.5.0 New Initiatives in Official Statistics

Chair: Peng Chun Vong, *University of Macau, Macao SAR*
2.5.1 Statistics Education and Human Rights Monitoring
Presenter: Joachim Engel, Ludwigsbury University of Education, Germany

2.5.2 Statistical Literacy Hatching
Presenter: Leticia Mendoza Ruiz, National Institute of Statistics and Geography, Mexico

2.5.3 iNZight into Time Series and Multiple-Response Data
Presenter: Chris Wild, University of Auckland, New Zealand

Session 2.6.0 Training in Official Statistics
Chair: Patrick K. K. Chu, University of Macau, Macao SAR

2.6.1 Building Expertise in Mathematical Statistics within the Australian Bureau of Statistics through Partnerships with Academics
Presenter: Paul Schubert, Australian Bureau of Statistics

2.6.2 Statistical Training for Russian-Speaking Countries: Combination of International Quality and Availability
Presenter: Alexey N. Ponomarenko, National Research University - Higher School of Economics, Russia

2.6.3 The Effect of Using “STANAVI” – Web Based Learning System about Official Statistics
Presenter: Tsuyoshi Onodera, Rikkyo University, Japan

POSTER (PLUS VERBAL) SESSION 17:10-18:20
Session 2.7.0 Conference Posters
Chair: Winnie U. F. Kuan, University of Macau, Macao SAR

2.7.1 Surveys and Blaster Scatterplots at Middle School Math Nights
Presenter: Adam Molnar, University of Georgia, USA

2.7.2 Education Official Data University Assessment within the School of Civil Engineering
Presenters: Alicia Maria Picco, National University of Rosario, Argentina
Maria Angélica Ferrandi, National University of Rosario, Argentina
2.7.3 The Effect of Changing the Statistics Education Curriculum of Junior High School in Japan
Presenter: Yoshinori Fujii, University of Miyazaki, Japan

2.7.4 Introduction of U-Learning System in Statistics Korea
Presenter: Hyun Sik Hwang, Statistics Korea

2.7.5 Statistical Significance and Practical Significance in Statistics Education
Presenter: Pranesh Kumar, University of Northern British Columbia, Canada

2.7.6 Collaboration in Statistical Education by Academia and Official Statistical Organisations (Ukraine as an Example)
Presenter: Ruslan Motoryn, Ukrainian State University of Finance and International Trade, Ukraine

2.7.7 Application of ICTS to Teaching Statistics to Non Statisticians
Presenter: Liliana C. Severino, National University of Rosario, Argentina

2.7.8 A Contribution of Statistics for the Elderly Adults
Presenter: Teresita Terán, National University of Rosario, Argentina

GALA DINNER 19:00-21:30
Reception at 18:30 & with live entertainment Mandarin Oriental Hotel

AUGUST 24, 2013 (SATURDAY)

Coffee Reception 08:15-08:45
Macau Tower, 3/F

PARALLEL PAPER SESSIONS 08:45-10:15

Session 3.1.0 Official Statistics and the School Curriculum GH 1
Chair: Chris Wild, University of Auckland, New Zealand

3.1.1 Interactive Electronic Textbook for Statistical Education
Presenter: Liang Zhang, Okayama University, Japan

3.1.2 Setting up a Network of Workshops to Empower In-Service Teachers, South Africa
3.1.3 New ABS Strategies to Promote Statistical Education under a New National Curriculum for Statistics
Presenter: Siu-Ming Tam, Australian Bureau of Statistics

3.1.4 A Development of Object-Oriented Dynamically Linked Statistical Package for 5-8 Graders
Presenter: Tae Rim Lee, Korea National Open University, Republic of Korea

Session 3.2.0 Statistics Education Using Advancing Technology
Chair: Tim Dunne, University of Cape Town, South Africa

3.2.1 The Future of Textbooks and Evolution of an E-book
Presenter: Doug Stirling, Massey University, New Zealand

3.2.2 An E-Learning Course for Social Survey and Data Analysis in Rikkyo University
Presenter: Yusuke Kanazawa, Rikkyo University, Japan

3.2.3 Students’ Experience of Becoming a Statistical Consultant
Presenter: Ayse Bilgin, Macquarie University, Australia

3.2.4 Statistical Education Standards and the Role of Technology
Presenter: Volker Kraft, SAS Institute GmbH, Germany

WORKSHOP SESSION 08:45-10:15
Session 3.3.0 International Statistical Literacy Project - Poster Assessment
Co-Chairs: James Nicholson, Durham University, UK
Patrick K. K. Chu, University of Macau, Macao SAR

Coffee Break 10:15-10:30
Foyer

KEYNOTE SPEECH VI 10:30-11:30
Topic: Activities of Japanese Inter-University Network for Statistical Education
Grand Hall
Prof. Akimichi Takemura, University of Tokyo, Japan

Chair: Prof. Jacky Y. C. So, University of Macau, Macau SAR (Co-Chair of Organizing Committee)

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CLOSING LUNCH

11:30-13:00

Macau Tower 360° Café

HALF-DAY LOCAL TOUR

14:00-18:00

(for non-local participants)

FAREWELL DINNER

18:00-21:00

Pousade de Coloane

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* Schedule is tentative and subject to change.