

## International Symposium in Statistics (ISS) 2015 On Advances in Parametric and Semi-parametric Analysis of Multivariate, Time Series, Spatial-temporal, and Familial-longitudinal Data

The International Symposium in Statistics (ISS) 2015 was hosted by the Department of Mathematics and Statistics at Memorial University, and it took place in Holiday Inn, St. John's, Canada from July 6 to 8, 2015. The Atlantic Association for Research in Mathematical Sciences (AARMS) was a co-sponsor of the symposium among others. This meeting covering five specialized research themes: Multi-dimensional data analysis in continuous setup; Multivariate analysis for longitudinal categorical data; Time series with financial and environmental applications; Spatial-temporal data analysis; and Familial longitudinal data analysis in semi-parametric setup, was attended by 46 delegates from many countries such as Brazil, France, India, Switzerland, USA and Canada, covering a large part of the globe. The meeting was a grand success with an excellent academic program complemented by two social events: the symposium banquet and a whale and puffin watching tour.

The symposium welcome address was given by Dr. Charmaine Dean, former President of the SSC (Statistical Society of Canada) and the current Dean of Science of the University of Western Ontario. Dr. Alwell Oyet, Deputy Head, welcomed the delegates on behalf of the host department. Dr. Brajendra Sutradhar, General Chair of the symposium welcomed all guests and provides a brief history of the past two symposiums (ISS-2009, ISS-2012) and their connection to the present symposium (ISS-2015). He thanked all sponsors, in particular to Memorial University, CANSSI (Canadian Statistical Sciences Institute), and AARMS (Atlantic Association for Research in the Mathematical Sciences) for their support in organizing this meeting.

There were four key note speeches in four different areas given by three speakers. Professor Anthony C. Davison from EPFL, Switzerland gave his key note address on Max-stable processes on river networks, under the theme of spatial-temporal data analysis. Professor Brajendra C. Sutradhar from Memorial University, Canada gave part 1 of his key note presentation on Advances and challenges in correlated data analysis in non-Gaussian multivariate setup; and part 2 of the presentation on Advances and challenges in analyzing ordinal categorical data in semi-parametric setup. The 3<sup>rd</sup> key note address was given by Professor Andrew Harvey from Cambridge University, UK., on New developments in modeling dynamic volatility. Nine special invited talks over three days of the symposium were given by professors Paul D. Sampson, University of Washington; Grace Y. Yi, University of Waterloo; Nairanjana Dasgupta, Washington State University; Roman Viveros-Aguilera, McMaster University; Julio M. Singer, Universidade de Sao Paulo; David E. Tyler, Rutgers- The State University of New Jersey; Refiq Soyer, The George Washington University, Charmaine Dean, The University of Western Ontario; and Richard J. Cook, University of Waterloo.

The symposium had another two invited speakers, Drs. Alwell Oyet from Memorial University, and Ashis SenGupta from Indian Statistical Institute. Also contributed papers were presented by seven speakers including four graduate students. Thus, the goal of the symposium was well reached. Furthermore, it is planned that a selected number of papers presented in the symposium will be published in the near future as lecture notes in the Springer's lecture note series.

By Brajendra C. Sutradhar, Memorial University  
General Chair, ISS-2015

## **ISS-2015 Report**

### **Total number of Participants: 46**

Graduate students: 18 (from Atlantic Canada) ; Professional delegates: 28

### **Total number of speakers: 21**

Keynote speakers: 3; Special invited speakers: 9; Invited speaker: 2; Contributed speakers: 3; Graduate student speakers: 4

### **Symposium Revenue: \$32,265**

Registration revenue from 33 delegates: \$8,825

Extra banquet and tour: \$440

MUN conference fund: \$6,000

Math and Stat Department at MUN: \$1,000

AARMS: \$7,500

CANSSI: \$8,500

### **Symposium expense: \$34,704.2**

Conference room rental (salon A & B): \$1,502.90

Audio and Microphone system (Eastern Audio): \$1,138.19

Conference bags: \$1,109.26

Website construction and maintenance : \$2,000

Conference banner: \$205

Program book printing: \$260

Photography: \$200

Accommodation expense (for 2 keynote , 4 special invited and 1 invited speaker) for holiday Inn: \$4,782.39 ( 7 x \$683.20)

Accommodation expense for 1 invited speaker for Super 8 motel: \$627.12

Transportation expense for 2 keynote speakers: \$4,950

Graduate students support: \$3,400

Coffee breaks and luncheons expense: \$6,589.88

Banquet expense: \$4,178.05

Boat tour expense: \$2,429.50

Snack expense for tour: \$100

Fleet line expense for 2 buses: \$762.75

2 music student performer: \$200

Paypal service fee: \$269.16

Balance: -\$2,439.2

**Remarks: Organizing committee is working on a post-symposium fund raising to balance this deficit.**

**Main Remarks: Symposium was a grand success**

**Scientific report: was sent earlier**