



ISBIS-News
Volume 4 – Issue 1
April 2011

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www.isbis.org

ISBIS official Journal:

Applied Stochastic Models in
Business and Industry (ASMBI):
[www3.interscience.wiley.com/
cgi-bin/jhome/66002616](http://www3.interscience.wiley.com/cgi-bin/jhome/66002616)

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Editorial



As you see from the two photos above this issue is edited jointly and marks the passing of the editorial duties from Werner to our new ISBIS-News editor N. Balakrishna. He is currently professor in the Department of Statistics of Cochin University and will soon host an ISBIS sponsored meeting (see below). Please keep him updated with all the members news you would like to share in the future. Werner wants to bid a farewell and will stay connected to ISBIS perhaps in a different role.

This issue naturally concentrates on the upcoming ISI World Statistics Congress and opens as usual with the traditional president's column. You will also find the regular columns from our young peoples group YBIS and the editor of our journal ASMBI. Please note the numerous announcements for ISBIS related conferences and the important call for papers for a special issue of ASMBI.

Best regards

Werner G. Müller and N. Balakrishna

Editors ISBIS News

President's column



Dear ISBIS members!

The 58th World Statistics Congress(WSC) of the ISI is approaching

fast; ISBIS has been quite active there in organizing six Invited Papers Sessions while supporting 5 others. In addition ISBIS will also be sponsoring two short courses, one on Reliability by Bill Meeker and the other on Design of Experiments by Geoff Vining. Make sure to plan your travel arrangements early for this meeting (see www.isi2011.ie), as August is a holiday period in Europe! I am inviting you also to join the ISBIS General Assembly which will take place on August 24 (tentative date). This is a great opportunity to get to know new ISBIS members and to renew contact with professional colleagues on a more personal basis than per email! It also enables you to directly participate more actively in further activities of our Society.

As some of you may already have noticed our new web site (www.isbis.org) has finally been operational. The organization of the materials is the same as before, however it has a new much fresher look. In the background a number of less visible but technically important improvements have been implemented. In particular we have now a well protected Members Only area where e.g. an up-to-date member list is available. Also two reserved areas for council and executive officers have been set up with administrative materials conveniently stored for documentation purposes or quick retrieval such as flyers, etc. If you have forgotten your password, please contact, our VP membership George (gmichail@umich.edu) for help. Our next biennial Symposium, IS-BIS2012, will take place in Bangkok, Thailand, from June

News from ISBIS members

Fugee Tsung has been an elected academician of International Academy for Quality, 2011.



International Society for Business and Industrial Statistics

A Section of the International Statistical Institute (<http://isi.cbs.nl/>)

Newsletter of the

17th to June 21th. You will find more information on this major event below in this newsletter. Many thanks to Vijay who has been instrumental through his contacts with local people in helping setting up the conference in this location. I am also happy to announce that a support from the World Bank Fund for participants from less developed countries to attend this meeting will again be available through ISI like it has been the case for ISBIS2010. Be sure to monitor our website for further information.

Finally let me conclude this column by expressing some vote of thanks. First I would like to thank Werner Müller for his past work as Newsletter Editor (in fact since its beginning!) and to N. Balakrishna our new Editor for having accepted to continue this task. Our Newsletter is an important mean to reach out to our members, especially since the ISI Newsletter is no longer available in printed form.

Second I would like to thank all the executive and council members who have been supporting me during my presidency, which is due to expire at the end of the WSC in Dublin. As an applied statistician working in an private company, it is not always easy to find the time and resources that one would like to have for engaging oneself in a professional society. In particular I am very much indebted to Nick Fisher for his excellent work as VP Scientific Program and to Vijay Nair for his continuous support as President-Elect. The election process is now coming to an end and the new officers for the period 2011-2013 will be announced shortly. I already wish Vijay and his new team all the best for the next two years!

I hope to see many of you in Dublin and until then
Cheers!
Yves Grize

Upcoming Events

The 58th Biennial Session of the ISI to be held in *Dublin, Ireland, August 20th-27th 2011.*



This is the final call for participation for the ISI 2011 session. Let me once more draw your attention towards the ISBIS invited sessions:

“Current Developments in Healthcare Engineering” organized by Ronald Does,

“Boundary Crossing Probabilities and their Applications” by Liquan Wang,

“New Applications of System Signatures in Reliability” by Frank Samaniego,

“Sequential Computer Experiments” by Luc Pronzato,

“The Statistical Perspective to Social Network Analysis” by Giuseppe Giordano, and

“Understanding water resources and quality through analysis of massive data sets” by Karen Kafadar.

I am looking forward to meeting you in one of these sessions our elsewhere at the meeting.

Werner G. Müller

Programme Committee member

ISBIS Sardegna Statistics

Summer School 2011

June 27th – July 7th 2011

Cagliari, Island Of Sardegna, Italy

www2.unica.it/isola/summerisbis2011



ISBIS (the International Society for Business and Industrial Statistics) will be conducting a two-week Residential summer school at the Hotel Flamingo Resort, S. Margherita Di Pula.

It is designed for PhD Students in Statistics And young statistical professionals. Spaces are limited, so book early.

Each Week will focus on a particular topic, with a weekend excursion planned for 2 – 3 July. The Sessions will feature world leaders in the development of statistical methods and software for large and complex data sets, and in business and industrial statistics. The emphasis will be both on theory and on the application of theory to real-world situations.

Abstracts and outlines of the lectures are available on the School website given below.

Deadlines:

Submission of applications+CV :
May 6th, 2011

Results of the selection announced by: **May 13th, 2011**

Final Registration and payment by participants: **May 27th, 2011**

For additional information:

Prof. Francesco Mola

Telephone:

+39 070 67 53 338

E--mail: mola@unica.it

Website:

www2.unica.it/isola/summerisbis2011



A one-day workshop on **Statistical Methods Applied to Microelectronics**, will be held on June 13th, 2011 at the Catholic University of Milan.

The workshop aims at sharing both methodological and practical issues about the use of statistics in microelectronics manufacturing giving an opportunity for statisticians and users from industry and research labs to meet and share their experiences and the state of the art of statistical methodologies applied in the semiconductor industry (process control, defectivity analyses, sampling reduction...). This event is an initiative of a team of academic and not academic statisticians that actively collaborate with microelectronics companies located in the area of Milan. It is organized under the patronage of ISBIS (the International Society for Business and Industrial Statistics), ENBIS (the European Network of Business and Industrial Statistics) and SIS (the Italian Statistical Society).

The programme of the workshop includes talks by: Fabrizio Ruggeri, Geoff Vining, Ron Kenett and other speakers from universities, industries and software houses. A poster session will be organized.

For more details, please visit the workshop website:

http://convegno.unicatt.it/statistics_in_microelectronics.

XXXI Annual Convention of Indian Society for Probability and Statistics (ISPS) & International Conference on Statistics, Probability and Related Areas
December 19-22, 2011



Organized by Department of Statistics, Cochin University of Science and Technology

The primary objectives of this conference are to assess the past developments in the field of Statistics and then to discuss the future directions in terms of statistical theory, practice and education. Emphasis will also be placed to discuss the necessary reforms in statistical training and education that we need to make in order to meet the ever-changing needs of statistical practitioners in the industrial and government sectors. In addition it is intended that the exchange of experiences and ideas would foster international collaboration in research and other technology transfer activities. The program of the conference will include several invited sessions and a few contributed sessions. English is the official language for all conference materials and presentations.

For further details contact:

Dr.P.G Sankaran (Convener)

Department of Statistics
Cochin University of Science and Technology Cochin, 682022 Kerala, INDIA

Phone: 91-484-2575893 (Office)

91-9847348528 (Mobile)

sankaranpg@yahoo.com

http://cusat.ac.in/stat_conf.pdf

The 11th annual meeting of the European Network for Business and Industrial Statistics (ENBIS) will take place at the **University of Coimbra, Portugal, September 4-8, 2011.**



Last Call for Papers

The congress aims to bring together professionals involved in business and industrial statistics, offering opportunities to meet and to share ideas and best practices. It features a number of distinguished keynote speakers, invited and contributed sessions, workshops and panel discussions, as well as short pre- and post-conference courses. For more information please visit www.enbis.org.

ENBIS invites contributions from a wide range of applications, including industry, manufacturing, administration, business and risk management, marketing, sales, logistics and service.

Participants are invited to submit an abstract (maximum 250 words) before **May 31, 2011**. To submit your abstract, go to www.enbis.org. Notifications of the acceptance of submissions will be sent out no later than June 13, 2011. The final submission date for all accepted contributions is **August 1st, 2011**.

For further questions do not hesitate to contact enbis11@enbis.org.

Kind regards,

Rainer Göb, on behalf of the Programme Committee of ENBIS-11
Marco Reis, on behalf of the Organizing Committee of ENBIS-11

**An international conference on Statistical Concepts and Methods for the Modern World****Dates: 28-30 December 2011****Location: Colombo, Sri Lanka.**

The purpose of this conference is to unite statisticians from across the world as they present their latest research findings on statistical theory and applications. For further information on registration, paper submission/presentation and other relevant details, please contact:

Shelton Peiris, The University of Sydney -

shelton.peiris@sydney.edu.au

Chandima Tillkaratne, The University of Colombo -

cdt@stat.cmb.ac.lk

Website:

<http://www.maths.usyd.edu.au/u/shelton/SLSC2011/>.

The y-BIS column, the Young People's group in ISBIS

After the very successful ISBIS 2010 and very active participation



of y-BIS, we are now working on setting up the "y-BIS Council Committee", which will include young business and industrial statisticians from all over the world. We still have some gaps to fill, namely one for Africa (other than South Africa), one for Central/South America (other than Brazil), two for North America, and one or two for Asia (other than China). If you are a young statistician from one of these countries, and are willing to help us promoting y-BIS, please express your interest by email to paulocanas@gmail.com.

The next big event for young statistician will be the YSI 2011, a satellite meeting to the 2011 ISI World Congress. This meeting will be held in Dublin, Ireland between 19 and 21 of August 2011. More information in

www.scss.tcd.ie/conferences/YSI2011/.

In 2011 we will start the "y-BIS Mentorship Program" where senior and experienced statisticians will be available to help young statisticians (mostly, but not only) from developing countries, in their career choices. More information will be sent to the ISBIS members asking for their support and contribution, right after the 2011 ISI World Congress.

To keep y-BIS growing within ISBIS and outside the Society we need all the possible help you can provide. My request for young people is to join y-BIS and contribute as much as you can (free for full time students and very cheap if you have just finished your PhD). To senior statisticians I would like to ask you to spread the information about y-BIS across your students and others that may be interested.

You can find more information about y-BIS in the website sites.google.com/site/ybisisbis/, or by writing me.

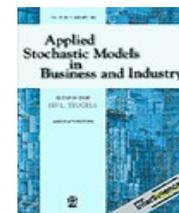
Paulo Canas Rodrigues

[\(paulocanas@gmail.com\)](mailto:paulocanas@gmail.com)

Chair of the Founding y-BIS

ISBIS Vice-President for y-BIS

Members

What's new in ASMBI?

As mentioned in my previous note about ASMBI, the first two issues of the year are devoted to papers from two conferences (one in Brazil and one in Washington), whose themes were, respectively, "Statistical Modeling in Insurance and Finance" and "Games and Decisions in Risk and Reliability". The new editions of the conferences are planned this April in Brazil (the first one) and in May in Italy (the second one). Publication of the special issues has been timely to offer the participants of the two conferences to read selected, and very good, papers from the past editions and appreciate the work ASMBI and ISBIS are doing to promote sound research in business and industrial statistics. ISBIS members can, as usual, have access, through the ISBIS website, to the journal, whose address is [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1526-4025](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1526-4025).

The first issue (Pedro Morettin and Ragnar Norberg as guest editors) starts with a discussion paper by Willmot and Lin on "Risk modelling with the mixed Erlang distribution", and papers on fitting non-Gaussian persistent data, copulae, ordering in generalised Sparre Andersen risk model and strategic investments. Further au-



thors and discussants are Stanford, Garrido, Palma, Zevallos, Sempi, Cheung, Landriault, Woo, Souza and Zubelli.

The second issue (Refik Soyer as guest editor) will contain a discussion paper by Banks, Petralia and Wang on "Adversarial Risk Analysis: Borel Games", and papers on portfolio selection, modelling stakeholder preferences, information measures of Dirichlet distributions, stochastic dynamic programming and "anatomy of the failure rate". Further authors and discussants are Kadane, Polson, Ozekici, Neslo, Cooke, Ebrahimi, Soofi, Zhao, Sorensen and Singpurwalla.

More applied papers will be published in another special issue, due next year, from the "Joint Research Conference on Statistics in Quality, Industry, and Technology" held last may in Gaithersburg, MD, USA.

The revision process of the papers presented at ISBIS2010 is going on and I can anticipate that the special issue with them, expected to be printed early next year, will contain much more papers with respect to ISBIS2008. We are not less tough than two years ago, so I can happily tell that the quality of the submitted papers has significantly increased (as well as the interest of ISBIS members in publishing in ASMBI). Many papers are motivated by actual problems and we always welcome papers addressing them with adequate statistical methods.

Let me finish with the usual invitation to ISBIS members: read (for free) ASMBI and submit your best papers through <http://mc.manuscriptcentral.com/asmb>.

Fabrizio Ruggeri,

Editor-in-Chief, ASMBI
(fabrizio@mi.imati.cnr.it)

CALL FOR PAPERS

Applied Stochastic Models in Business and Industry (ASMBI)
Special issue on "Statistics in Microelectronics"

Deadline: December 15, 2011

Guest editors:

Riccardo Borgoni

Laura Deldossi

Luigi Radaelli

Diego Zappa

The objective of the special issue is to share both methodological and practical issues about the use of statistics in microelectronics manufacturing giving an opportunity to statisticians and practitioners from industry and research labs to illustrate their experiences and the state of the art of statistical methodologies applied in the semiconductor industry.

Topics include (but are not limited to): advanced process control, defective analyses, reliability, metrology/measurement system capability, gauge R&R methods, generalized mixed modeling, sampling reduction techniques, design of experiments, mean-variance response surface modeling, spatial methods, etc.

Following the ASMBI style, papers should be motivated by a real problem about semiconductor processes and provide a sound statistical methodology to address it.

The issue will consider not only papers presented at the workshop on "Statistics in Microelectronics" to be held at the Catholic University of Milan on June 13th, 2011

(see http://convegna.unicatt.it/statistics_in_microelectronics), but it will be also open to any contribution relevant to the theme.

People interested in contributing papers should send provisional title and abstract by November 1st 2011 to statistics.microelectronics@unicatt.it

The deadline for submission of papers is December 1st, 2011. Papers limited to 20 double-spaced pages (including references and figures/tables) should be submitted at <http://mc.manuscriptcentral.com/asmb> following the ASMBI author submission guidelines given on www.interscience.wiley.com/journal/asmbi.

The papers will be published on line, with a DOI number, right after their acceptance. The issue is expected to be published in 2013. All submissions will go through the standard, selective review process of ASMBI. Submitting authors should indicate their desire to be considered for the special issue in the cover letter to the Editor-in-Chief, Fabrizio Ruggeri, by clicking on the box about submissions for special issues, mentioning "Statistics in Microelectronics" when requested.

For more information about the special issue, please send an email to statistics.microelectronics@unicatt.it

With Thanks,
the Guest Editors.

New eBooks from ISBIS members

Author: Galit Shmueli:

1. Practical Time Series Forecasting

2. Practical Acceptance Sampling

The eBook format (and its low pricing) is intended to make these important materials accessible across the globe to many practitioners and students. The eBooks can be purchased on Amazon.com, can be downloaded immediately, and viewed on any PC.

Author: Birger Stjernholm Madsen

Statistics for Non-Statisticians

<http://www.springer.com/statistics/book/978-3-642-17655-5>