



International Society for Business and Industrial Statistics

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

Newsletter of the

ISBIS News

Volume 2 – Issue 2

May 2009

Editor:

Werner G. Müller
Department of Applied Statistics,
Johannes-Kepler-University of
Linz, Altenbergerstraße 69,
A-4040 Linz, Austria,
Tel. +43-732-2468-5880, E-mail:
werner.mueller@jku.at

Contributing Editors:

Fabrizio Ruggeri,
Vincenzo Esposito Vinzi,
Yves-Laurent Grize.

ISBIS website:

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)

ISBIS Executive

President: Nick Fisher
President Elect: Yves Grize
VP-Secretariate: Bill Meeker
VP-Finance: Graciela Farias
VP-Public.: V. Esposito Vinzi
VP-Membership: Geoff Vining

ISBIS Council

Eugenio Epprecht
Alberto Ferrer
D.S. Hooda
Dennis Lin
George Michailidis
Werner G. Mueller
Sung Hyun Park
David Steinberg
Stefan Steiner
Shu Yamada
Wei Yuan
Zhong-Zhan Zhang

Editorial

Again more than a couple of months have passed since the last newsletter and as you will see from the president's column, they have been quite busy.

Despite this, submissions to this newsletter have unfortunately been only rare and again I encourage you to send me all relevant information you have on

- member news,
- book reviews and alerts, particularly from members,
- software reviews,
- letters to the editor

for inclusion in the next issue planned for end of August.

Please take also another note at the LAST call for proposals for invited sessions at the 2011 ISI Biennial session at the end of this newsletter! Note that the decisions will already be taken at the ISI congress in Durban in August.

Right now we have only four serious submissions: "Current Developments in Healthcare Engineering" organized by Ronald Does, "Boundary Crossing Probabilities and their Applications in Finance" by Klaus Pötzelberger, "New Applications of System Signatures in Reliability" by Frank Samaniego and "Sequential Computer Experiments" by Luc Pronzato.

ISBIS can certainly sustain much more than these few invited sessions and I strongly encourage you to send me your suggestions with tentative titles and list of speakers well in advance of the Durban session.

Werner G. Müller

Editor ISBIS News

President's column

Finally, here are a few remarks as a message from the President:

This will be my last contribution to ISBIS News as President. Over the next two months, various people will be assembling reports to submit to our General Assembly, where we will be able to gauge how much progress we have made against a very ambitious Strategic Plan. I haven't written my report yet, but I think it is safe to say that we have achieved about as much as we could reasonably have hoped to do. In no particular order, these achievements include:

· Designing and commissioning a stable website, www.isbis.org, thanks to a lot of work by incoming President Yves Grize, liaising with George Michailidis at the University of Michigan where it is hosted.

· Confirming the journal ASMBI as our scientific outlet, published by Wiley-Blackwell, with the efforts of Fabrizio Ruggeri and his team resulting in an increasingly broad range of high-quality content.

· Establishing a regular newsletter, ISBIS News, thanks to the efforts of Werner Mueller.

· Adopted a significantly revised version of our Statutes, thanks to Vijay Nair, Yves Grize and Vincenzo Esposito Vinzi, which should mean that ISBIS functions far better in the future

· Establishing a regular and substantial contribution to the ISI Newsletter, thanks to ongoing effort from Vincenzo.

· Setting up the first Young Statisticians' group in the ISI, thanks to a lot of work by Paulo Canas and a group of young ISBIS members.

· Putting in place a program of international biennial meetings supplemented by numerous regional conferences.



International Society for Business and Industrial Statistics

Newsletter of the

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

Of course, not everything has advanced so vigorously; in particular, the incoming Executive and Council will probably focus on membership growth, now that many of the basic elements of the Society are in place. However, progress has been most satisfactory, and I extend my thanks to all those who have volunteered their time and energy to getting us this far. And my best wishes to incoming President Yves Grize for the next two years.

Nick Fisher,
ISBIS President

ISBIS elections

Dear Colleagues,

The election process has been completed. The final slate of candidates proposed by the Nominating Committee has been accepted by the Executive and Council Members with no additional nomination. Since there is only one nomination per position, the nominated persons shall be declared elected without vote from the membership.

The new officers for the period 22nd August 2009- 26th August 2011 are:

For the Executive Committee:

President-Elect Vijay Nair,
USA/Malaysia

Vice President Scientific Program Nick Fisher, Australia

Vice President Communications Vincenzo Esposito Vinzi, France

Vice President Membership & Outreach Yulia Gel, Russia/Canada

Vice President y-BIS members Paulo Canas, Portugal

(The incoming President is Yves Grize, Switzerland.

For the Council:

Council Members with voting rights:

Riaan De Jongh, South Africa

Eugenio Epprecht, Brasil

Alberto Ferrer, Spain

Dennis Lin, USA

P. G. Sankharan, India

Stephan Steiner, Canada

Fugee Tsung, China (Hong Kong)

Shu Yamada, Japan

Council Members without voting rights:

ISBIS Web master George Michailidis, USA/Greece

Editor in Chief ASMBI Fabrizio Ruggeri, Italy

Editor ISBIS News Werner G. Müller, Austria

The Nominating Committee is pleased that it was possible to find a number of new volunteers willing to commit their time to working for ISBIS, thereby assuring a healthy amount of renewal within the Officers of the Society, as required by our statutes. Also there is good geographic diversity.

I would like to thank here the members of the Committee who help selecting the candidates. I also would like to thank those members who put themselves up for candidacy to serve ISBIS but whose names were not retained in the final slate of candidates.

I am looking forward to working for ISBIS for the next two years. The current economic and financial state of the world on the one hand, but also the current threat of a pandemic on the other hand will certainly not make our task easier, but I am sure that with the great team of Officers that we have, ISBIS will be able to manage the challenges that lie ahead.

Yves-Laurent Grize
President Elect ISBIS
Nominating Committee Chair

ISBIS Conferences

57th ISI Session in Durban, South Africa

(16-22 August 2009)



ISBIS has a significant share of the Scientific Program at the 57th Session of the International Statistical Institute in Durban, South Africa, 16–22 August, 2009.

www.statssa.gov.za/isi2009/

Stellenbosch Statistical Symposium: August 24-26, 2009, Stellenbosch, Republic of South Africa.



This is an ISBIS Satellite meeting to the ISI 57th Session in Durban, South Africa, 16–22 August 2009 organized by the University of Stellenbosch. More details to be posted soon on

www.sastat.org.za/sss2009

ISBIS Scientific Sponsorship for PLS'09



PLS'09: 6th International Conference on Partial Least Squares and Related Methods

Beijing, 4-7 September 2009

ISBIS is sponsoring the 6th International Conference on Partial Least Squares and Related Methods taking place in Beijing, China, 4–7 September 2009.

PLS'09 focuses on research in Management, Engineering and Life Sciences. This conference is a unique event through which outstanding experts in PLS methods, from all over the world, can meet and communicate.

During the four-day meeting, experts from different countries and regions will present their



state-of-art and up-to-date research on the PLS methods, which will reflect challenging advances in this fields for the 21st century. The PLS techniques will be compared with other typical methods and empirical applications to real data will be performed. The Symposium will provide participants with different insights on both theoretical and practical aspects of PLS and related methods. Furthermore, the symposium will be also precious chance and platform for academic scholars and specialized professionals to meet and talk on their own interests in versatile fields where PLS can be applied to.

The following invited talks are confirmed at this stage:

“Some thoughts about Generalized Structured Component Analysis”

Yoshio Takane, McGill University

“Partial Least Squares methods for Organismal Systems Biology: Some Science and some Speculation”

Fred Bookstein, University of Washington

“Discovering latent structure features using divergences”

Clive Bowman, University of Reading, United Kingdom

“PLS modelling in high-dimensional dynamic nonlinear differential equation systems”

Harald Martens, Nofima Mat / Norwegian University of Life Sciences

“Conjugate Gradient: a Statistical Framework for Partial Least Squares Regression”

Nicole Krämer, Berlin Institute of Technology

“The OPLS method and its extensions: a paradigm shift in PLS modeling and its impact on interpretation and visualization in biology and medicine”

Johan Trygg, Umeå University, Sweden

“On the Statistical Power of PLS using Product Indicators: A Clarification, Extension, and Cautionary Note”

Wynne W. Chin, University of Houston

More details at: www.pls09.org

International Symposium on Business and Industrial Statistics (ISBIS-2010): Portorož (Portorose) - Slovenia, July 6-9, 2010

The next biennial International Symposium for Business and Industrial Statistics (ISBIS-2010) will now be held at an excellent venue in Slovenia, rather than Croatia, due to the unavailability of a suitable venue in Croatia.

ISBIS-2010 will be held at St. Bernardin Adriatic Resort & Convention Center located in lovely little coastal town Portorož (Portorose) in Slovenia, during 6-9 July, 2010, preceded by a Workshop day on 5 July. Apart from its broad coverage of topics, ISBIS-2010 will feature two particular areas of activity: industrial applications of Image Analysis (for which Professor Jean Serra, co-founder of Image Analysis and Mathematical Morphology is already confirmed as a Keynote Speaker), and current and future developments in handling large and complex data sets. There will also be sessions of particular interest to younger members of the statistical profession, organised by the ISBIS Young Statisticians group, y-BIS.

Stefan Steiner from the University of Waterloo (Canada) will chair the scientific program committee (shsteine@uwaterloo.ca).

More details are available on the conference website:

www.action-m.com/isbis2010



Last Call for Proposals

for invited ISBIS papers for the 58th Biennial Session of the ISI to be held in Dublin, Ireland, August 20th-27th 2011.

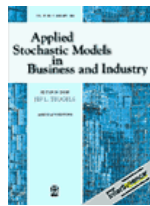
As usual a competitive procedure for determining the invited session has been started. Candidate proposals from the various sections will be discussed at the upcoming Durban meeting.

We therefore solicit receiving proposals for invited sessions to be held under the auspices of ISBIS (or perhaps jointly with another ISI-section).

If you feel your topic meets (at least some of) the guidelines given e.g. in ISBIS News 1(1), please do not hesitate and contact our member of the Program Coordinating Council Werner Müller (werner.mueller@jku.at) with your suggestions as soon and as detailed as possible, preferably by already providing names of presenters and discussants.



What's new in ASMBI?



The March/April issue of ASMBI is entirely devoted to selected papers presented at the ENBIS-DEINDE conference on "Computer Experiments versus Physical Experiments", held in Torino (Italy) April 11–13, 2007.

Citing the editorial paper by the two Guest Editors, Ennio Davide Isaia and Grazia Vicario, "the goal of this special issue is to give an overview on new developments in DoE and to give a cross-sectional view on the current research in the particular area of computer experiments as it is applied today". The submitted papers went through a very careful review process, which lead to many rejections and deep revisions of accepted papers.

We are encouraging proposals of special issues, provided they are on a very specific topic, of interest for ASMBI readers, and the accepted papers are up to the usual standard of the journal. Currently, we have Pedro Moretin and Ragnar Norberg working on a special issue based on papers presented at the Fourth Brazilian Conference on Statistical Modeling in Insurance and Finance, held last April. The issue will contain a discussion paper written by a leading researcher in the field. We would like to have discussion papers, like the one by Fisher and Nair in the past ASMBI issue, in each special issue devoted to a conference. We still have papers from ISBIS conferences, like the ones from the 2007 meeting in the Azores which will be published pretty soon (they should be already on the ASMBI web site under "Early View").

The papers of the current issue are:

- Assessment of uncertainty in computer experiments from Universal to Bayesian Kriging

C. Helbert, D. Dupuy, L. Carraro

- A note on the choice and the estimation of Kriging models for the analysis of deterministic computer experiments

D. Ginsbourger, D. Dupuy, A. Badea, L. Carraro, O. Roustant

- Kriging-based sequential inspection plans for coordinate measuring machines

P. Pedone, G. Vicario, D. Romano

- A computer experiment application to the design and optimization of a capacitive accelerometer

M. J. Alvarez, N. Gil-Negrete, L. Ilzarbe, M. Tanco, E. Viles, A. Asensio

- Issues in the optimal design of computer simulation experiments

W. Müller, M. Stehlík

- Robust designs for misspecified exponential regression models

X. Xu

- Sequential design in quality control and validation of land cover databases

E. Carfagna, J. Marzioletti

I can anticipate that the May/June issue will contain a discussion paper on Model selection for generalized linear models with factor-augmented predictors by Tomohiro Ando and Ruey S. Tsay. You can find it under the "Early View" section of the ASMBI web page.

I remind that ASMBI is freely available at ISBIS members.

Last, but not least, I remind you to submit your best papers to ASMBI and contribute to strengthen its role in the fields of business and industrial statistics

Fabrizio Ruggeri,

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

This is another reminder that you have access to Applied Stochastic Models in Business and Industry online through Wiley InterScience.

Go to the User Affiliation Page at

www3.interscience.wiley.com/societies/isbis

Read and accept the Wiley InterScience Terms of use and click "Link to This Account".

Enter your Identification details as follows: Membership Number: none, Registration Key: MBR63358.

Enter the login name (your ISBIS e-mail address) and password which you have just created.

Click on "submit"

You will automatically be directed to the Wiley InterScience home page at this time. From there, SEARCH or BROWSE to find the content you need.

Note that if you are not already a Wiley InterScience user you will first have to register. Please contact Membership Services if you have any questions about the registration process:

Sharon Brooker e-mail: sbrooker@wiley.co.uk, fax: 44 (0)1243 843232, tel: 44 (0) 1243 843183