

ENBIS-18: Final Call for Papers

ENBIS – the European Network for Business and Industrial Statistics – is a platform where statistical practitioners and academic statisticians from Europe and beyond meet, exchange ideas and design new projects. ENBIS sponsors an annual conference and numerous additional events, many of them web-based.

Our **annual conference** takes place every September and features presentations from a wide variety of sectors, ranging from manufacturing to service, from private to public. **The ENBIS-18 conference will be hosted by the Laboratory of Mathematics »Institut Elie Cartan« of the Lorraine University (Université de Lorraine) in Nancy (France). It will take place at the »Ecole des Mines« from 2nd to 6th September 2018.** The conference sessions are scheduled for September 3rd to 5th, with the pre- and post-conference administrative meetings, courses and workshops taking place on September 2nd and 6th.



Confirmed **pre- and post- conference events** in the framework of ENBIS-18 include:

- A pre-conference course on [High-Dimensional Markov Chain Monte Carlo \(MCMC\) Methods for Bayesian Image Processing Applications](#) by **Jean-Yves Tournet** (University of Toulouse, France) and **Marco Pereyra** (University of Edinburgh, UK). The course is scheduled for the afternoon of September 2nd.

- A post-conference course on [Mixed Models](#) by **Tim Robinson** (University of Wyoming, USA) and **Volker Kraft** (JMP, Germany). The course is scheduled for the afternoon of September 5th.
- A [Joint ECAS-ENBIS 1-Day Summer School](#) will take place on September 6th. It will feature *Introduction to Deep Learning* by **Stéphane Canu** (INSA Rouen, France) in the morning and *An Introduction to Generalized Additive Modelling in R* by **Matteo Fasiolo** (University of Bristol, UK) in the afternoon.

Please note that you need to register for each of the pre- and post-conference events separately from the main event. Each has been dedicated its own special section of ENBIS Web and can be found under *Upcoming Events*.



Speaking of the main event: ENBIS-18 session topics include, but are not limited to, the special areas of interest that exist within ENBIS (formalized in the so-called Special Interest Groups). The non-exhaustive list includes:

- Design of Experiments.
- Measurement Uncertainty.
- Process Modeling and Control.
- Reliability and Safety.
- Statistics in the Pharmaceutical Industry.
- Statistical Computing.
- Statistical Methods for Industrial Hygiene.
- Operational Risk Management.
- Statistics in Practice.
- Stochastic Modelling.
- Quality Improvement and Six Sigma.
- Data Mining and Warehousing.
- Machine Learning.
- Predictive Analytics.
- Statistical Education for Business and Industry.

With this Final Call we cordially invite you to submit an abstract in line with the topics listed above by 4th June 2018 at the latest and benefit from the early bird registration fee which is available for the main conference and all accompanying events up until 19th June 2018.

To submit your abstract go to www.enbis.org, log in and search for ENBIS-18 under *Upcoming Events*. If you are not already a member of ENBIS, please join first (note there is no membership fee for individual members of ENBIS). **The notifications of acceptance will be sent out no later than 15th June 2018.**

Note that the list of confirmed keynote speakers for ENBIS-18 features **Jean-Yves Tourneret** (University of Toulouse, France), **Piercesare Secchi** (Politecnico di Milano, Italy) **Ron S. Kenett** (KPA Group & Samuel Neaman Institute, Israel; 2018 Box Medalist), **Sotiris Bersimis** (Greek National Organization of Healthcare Services Provision & University of Piraeus; recipient of the 2018 Best Manager Award), **Alessandra Menafoglio** (Politecnico di Milano, Italy; recipient of the 2018 Young Statistician Award), and **Abel Folch-Fortuny** (DSM Food Specialties, Spain; recipient of the 2018 Young Statistician Award).

Further to the plenary sessions, the conference programme also consists of numerous interesting invited, contributed, special and thematic sessions. Some of the thematic sessions are:

- *Deep Learning and Applications*, organized by **Marianne Clausel** (University of Lorraine, France).
- *Predictive Maintenance and Reliability*, organized by **Nikolaus Haselgruber** (CIS consulting in industrial statistics GmbH, Austria).
- *Statistical Methods for Industrial Hygiene*, organized by **Pascal Wild** (Institut National de Recherche et de Sécurité, France).
- *Process Chemometrics*, organized by **Alberto Ferrer** (Technical University of Valencia, Spain).
- *Sequential Detection*, organized by **Igor Nikiforov** (University of Technology of Troyes, France).
- *Statistical Engineering*, organized by **Geoff Vining** (Virginia Tech, USA).
- *Electricity Data Analysis with R*, organized by **Yannig Goude** (University Paris-Sud & EDF Lab Paris-Saclay, France).
- *Computer Experiments*, organized by **Olivier Roustant** (Ecole des Mines de St-Etienne, France).
- *Metrology*, organized by **Francesca Pennechi** (INRiM, Italy).
- *Machine Learning for Automatic Diagnosis and Decision-Making*, organized by **Nicolas Bousquet** (Sorbonne Université - Université Pierre-et-Marie Curie & Quantmetry, France).
- *Statistical Methods for Degradation Data*, organized by **Sophie Mercier** (Université de Pau et des Pays de l'Adour, France).

At least two interactive sessions aiming to promote active participation of attendees will also take place in the framework of ENBIS-18. The *ISBIS Session on Challenges of Scientific Publishing* will be given by **Irena Ograjenšek** (University of Ljubljana, Slovenia). The *Live Problem-Solving Session* will be organized and facilitated by **Christian Ritter** (Catholic University of Louvain as well as Ritter & Danielson Consulting, Belgium). If you are an aspiring author in the field of business and industrial statistics, you are the candidate for the former. And if you are facing a problem in industrial and business statistics and would appreciate outsider input, you are definitely a candidate to participate in the latter. Please send the problem description to christian.ritter@uclouvain.be by mid-August at the latest and take advantage of our network members' ideas!

Should you need any conference-related information which cannot be located on the website, please feel free to contact **Lluís Marco Almagro** (lluis.marco@upc.edu), Chair of the ENBIS-18 Programme Committee, or the Co-Chairs of the ENBIS-18 Organizing Committee **Anne Gégout-Petit** (anne.gegout-petit@univ-lorraine.fr) and **Sandie Ferrigno** (sandie.ferrigno@univ-lorraine.fr). You can also send your inquiries to the ENBIS Permanent Office (office@enbis.org).

We are looking forward to seeing you in Nancy!

ENBIS Permanent Office