

## The Conference of Data Science, Statistics & Visualisation (DSSV 2019)



The conference of Data Science, Statistics & Visualisation (DSSV 2019) will take place on August 13-15, 2019 in Kyoto, Japan. This conference is a satellite meeting of the 62<sup>nd</sup> ISI World Statistics Congress. The venue of DSSV 2019 is the Imadegawa Campus of Doshisha University (neighboring Kyoto Imperial Palace). The details can be found at the web-site <http://iasc-isi.org/dssv2019/>.



The conference consists of contributions to practical aspects of data science, statistics and visualization. They cover topics such as machine learning, verbalization of data, big data infrastructures and analytics, advanced computing, and other important themes.



In addition, the invited talk sessions from the International Society for Business and Industrial Statistics (ISBIS) and others will contribute to an exciting program. The invited talk sessions include the three ones for the topics "Machine Learning", "Bio-Statistics/Informatics", and "Computational and Cognitive Neuroscience" from Japanese statistical societies and neuroscientist group.



Keynote talks are presented by Di Cook, Kwan-Liu Ma, and Richard Samworth. Invited talks are given by Genevera Allen, Yongdai Kim, Hidetoshi Shimodaira, and **Huixia Judy Wang**. Those talks ensure a high-quality scientific program.



The venue can be reached within 10 minutes via a subway from the Kyoto central station. The welcome reception and conference dinner will be thrown at the areas close to the downtown, to which attendants can move



from the venue by courtesy buses. Since 794 to 1868, Japanese emperors had lived in Kyoto, and there are 17 world heritages (including Kiyomizu-dera presented right), each of which can be reached by a half-day travel at most from the venue.

## The 2019 IASC-ARS Conference – 2-5 December 2019, Hong Kong

The 11th IASC-ARS Conference (<https://saasweb.hku.hk/conference/iasc-ars2019/>) will be held at the University of Hong Kong, China, on 2-5 December 2019. The theme of the conference is “Statistical Computing for AI and Big Data”. The aim of the conference is to provide a forum for the discussion and exchange of ideas, new concepts and recent methods in statistics.

This conference will provide a platform for researchers from academia and industry to share their latest findings, exhibit the latest studies and applications, and build up networks with peers in variety areas, including but not limited to, Bayesian computation, big data analytics, biostatistics, computer graphics, computer intensive inferential methods, data mining and machine learning, econometrics, graphical models, image processing and uncertainty quantification.

The conference will consist of keynote speeches, tutorials, invited talks, contributed talks and posters. The official language for all submissions is English. To encourage more young statisticians including postgraduate and senior undergraduate students to participate, in addition to two **YSI-ISI invited sessions** organized by Prof. Hank Wu, the following two more activities will be organized:

- **Luncheon Forum “How to Build a Career in Big Data and Artificial Intelligence”** to be held during the lunch time on Dec 4, 2019. There are two confirmed speakers from Microsoft (Hong Kong) and Facebook (Hong Kong).
- **Student prizes** for contributed talks and posters delivered by students.

**Registration system** (<https://saasweb.hku.hk/conference/iasc-ars2019/registration.php>) has been open. The early-bird deadline is July 31, 2019. There will be **two half-day tutorials (1: Statistical network data analysis; 2: Anomaly detection using unsupervised learning algorithms)** to be held on December 2, 2019. Registration for the tutorials will be accepted on a first come, first served basis due to limited seats.

**Keynote Speakers:** Wolfgang Karl Hardle, Jun Liu, and Qiwei Yao

**Local organizer:** Department of Statistics and Actuarial Science, The University of Hong Kong

We look forward to seeing you in Hong Kong to attend the IASC-ARS 2019 conference and to experience the fusion of Chinese and Western cultures and beauty of Hong Kong!



Sky-land-sea adventure with cable-car views of mountains, forests and coast



Avenue of Stars at Tsim Sha Tsui



Tai Kwun, the restored Central Police Station compound

## Past Event

### Course on Text as Data in Economics

A course on “text as data” with Leif Anders Thorsrud (Norges Bank and BI Norwegian Business School) as main speaker attracted more than 35 PhD students and early stage researchers to ZEW in Mannheim, where this course jointly organized by ZEW and University of Giessen and supported by ERS-IASC took place from July, 15th to 18th. The participants gained knowledge about how to use textual data to answer economically relevant questions. During a tutorial taking place the last day of the course, the participants started their own analysis with textual data.



*Libris*



*Speaker: Leif Anders Thorsrud*



[ZEW-building in Mannheim](#)



**16<sup>th</sup> Conference  
of the International  
Federation of  
Classification Societies**

**26-29 Aug 2019**  
**Thessaloniki Concert Hall**  
Thessaloniki, Greece  
**#IFCS2019**

## 2019 IFCS conference

The IFCS 2019 conference theme is 'Data Analysis and Rationality in a Complex World' and will take place in the Thessaloniki Concert Hall, Thessaloniki, Greece. The venue is located along the coast of the city, close to the city center and the airport. The conference opening will take place on August 26 late afternoon and pre-conference workshops will be held. The conference sessions will start on August 27 in the morning, and will close on August 29 with

a full day conference program and a conference dinner. Details can be found at <https://ifcs.gr/>. IASC members qualify for discounted registration fees.



Conference venue

The International Federation of Classification Societies (IFCS) was founded in 1985 and is composed of many statistical societies all over the world. IFCS is an interdisciplinary and international organisation whose main purposes are to promote the scientific study of classification and clustering (including systematic methods of creating classifications from data), and to disseminate scientific and educational information related to its fields of interests.

The conference will bring together some of the leading researchers and practitioners in the related areas and will provide an opportunity for exchanging ideas, between researchers and practitioners, and establishing networking and collaborations. Keynote speakers include **Sofia Olhede**, Professor of Statistics at University College London and director of UCL's Centre for Data Science, **Andy Mauromoustakos**, Statistician for the AGRI STAT LAB at the University of Arkansas Fayetteville campus, **Julie Josse**, Professor of Statistics at Ecole Polytechnique in France specializing in missing data, visualization and the nonparametric analyses of complex data structures, **David Hunter**, Professor at Penn State Department of Statistics working on statistical computing, models for social networks, and statistical clustering, **Michael Greenacre**, Professor of Statistics at the Universitat Pompeu Fabra, Barcelona working mostly *on correspondence analysis and on compositional data analysis*, **Theodoros Evgeniou**, Professor of Decision Sciences and Technology Management at INSEAD in France and an Academic Director of INSEAD eLab, a research and analytics center, **Vladimir Batagelj**, Professor Emeritus of the University of Ljubljana, Slovenia, known for the book he coauthored on *Generalized Blockmodeling and* **Maria-Florina Balcan**, Associate Professor at the School of Computer Science Carnegie Mellon University where her main research interests are in machine learning, artificial intelligence, and theoretical computer science.

The conference city was founded in 315 BC by Cassander, in honor of his wife Thessaloniki, sister of Alexander the Great. Since then, and due to its strategic position, Thessaloniki has been a commercial and cultural crossroad that brought together people and ideas from all over the world. The signs of this uninterrupted urban activity for more than 2,300 years are evident in each corner of the city. Nowadays, Thessaloniki is a big, modern city, with a population of around one million, and an important administrative and financial center of the Balkans. The warm and vibrant city life is largely influenced by the Aristotle University of Thessaloniki; the largest university in Greece, with more than 72,000



City of Thessaloniki

undergraduate and 8,000 postgraduate students. Thessaloniki is surrounded by places of great natural and historic beauty such as Olympus National Park, Vergina, where the Royal tomb of Philip II, father of Alexander the Great was found, the autonomous Mouth Athos, which is forbidden to women and children, and Halkidiki with its beautiful sandy beaches.

## **Cluster Benchmarking Challenge Call**

### **Neutral Benchmarking Studies of Clustering**

The Cluster Benchmarking Task Force of the International Federation of Classification Societies (IFCS) is calling for neutral benchmarking studies in cluster analysis. This call is part of a challenge connected with the 2019 IFCS conference in Thessaloniki, Greece, August 26-29.

To achieve a cumulative building of knowledge on clustering and classification, careful attention to benchmarking (performance comparison of methods) is very important. New methods of data pre-processing, new data-analytic techniques, and new methods of output post-processing, should be extensively and carefully compared with existing alternatives, and existing methods should be part of neutral comparison studies. Benchmarking studies can frequently be found in supervised learning, but are less common in unsupervised learning.

The Task Force has written a white paper (for a preprint, see: <https://arxiv.org/abs/1809.10496>) that addresses the theoretical and conceptual underpinnings of benchmarking in cluster analysis, and some practicalities for performing sound benchmarking studies.

**Competition guidelines:**

- Contributions to the challenge will be evaluated by the IFCS Task Force on Benchmarking.
- Major evaluation criteria will be:
  - the technical correctness and clarity of the report,
  - that the study shows a critical reflection on principles on which a sound benchmarking study should be based (which may be either in line or at odds with the principles outlined in the white paper contributed by the Task Force),
  - a detailed specification of the choices made in the benchmarking study at issue along with a justification of these based on the principles referred to above.
- Up to 8 contributions will be selected for a short presentation during one or two invited sessions at the 2019 IFCS conference in Thessaloniki, Greece (such a presentation will not conflict with giving another presentation at that conference). Authors of selected contributions who cannot attend the conference will be invited to prepare a few slides on their contribution.
- During the closing session of the IFCS conference one or two of the selected contributions will be proclaimed winners of the challenge. The winners will receive a CRC/Chapman and Hall book voucher.
- Contact for questions: [Iven.VanMechelen@kuleuven.be](mailto:Iven.VanMechelen@kuleuven.be) .

**All researchers interested in clustering and classification are most welcome to participate in this challenge!**

Task force members: Anne-Laure Boulesteix, Rainer Dangl, Nema Dean, Isabelle Guyon, Christian Hennig, Friedrich Leisch, Douglas Steinley, Iven Van Mechelen, and Matthijs Warrens.

## **New IASC and Taylor & Francis Affiliate Program Means Discounts on Book Purchases**

Summary: IASC and Taylor & Francis have agreed on a new affiliate program that gives IASC members a 20% discount on book purchases.

IASC is pleased to announce its new affiliate agreement with Taylor & Francis. Taylor & Francis (and their CRC Press and Chapman & Hall branches) are the publishers of numerous statistical book series such as The R Series and Texts in Statistical Science and of numerous books in the area of Computational Statistics.

Our agreement with Taylor & Francis offers current IASC members a 20% discount on book purchases when initiated through the IASC web page. You have to start at <http://iasc-isi.org/> and then click on the “IASC ISI Members Save 20% on CRC Press Books” link at the bottom of this page. This redirects you to the IASC ISI web page maintained by Taylor & Francis / CRC Press. Make your online order as usual. At the time of checkout, please enter IAS18 as promo code (if necessary). Enjoy your discounted book purchases from Taylor & Francis.