First Call for Papers for

**European Conference on Data Analysis 2015 (ECDA2015)**

*Data Science: Foundations, Methods and Applications*

**September 2\(^{nd}\) to September 4\(^{th}\) 2015**

**University of Essex, Colchester, UK**

***

Joint conference of the British, German and Polish Classification Societies (BCS, GfKl & SKAD)

***

39th Annual Conference of the Gesellschaft für Klassifikation e.V. (GfKl)

The British, German and Polish Classification Societies invite you to the European Conference on Data Analysis 2015, which will take place from September 2nd to September 4th 2015 at the University of Essex, Colchester, UK.

The scientific program of the conference will include invited sessions and contributed presentations covering a broad range of topics. A special emphasis is laid on research on and development of innovative tools, techniques and strategies that address current challenges of Data Science. We solicit contributions from scholars and practitioners from all domains where computational, mathematical, statistical and data analytical methods for Data Science are being developed and applied.

We welcome Data Science contributions from all areas, in particular in the fields

* Data Analysis and Statistics
* Databases and Data Management
* Machine Learning and Knowledge Discovery
* Mathematical Foundations of Data Science
* Actuarial Science
* Archeology
* Behavioral and Health Sciences
* Digital Humanities and Social Sciences
* Education
* Engineering and Logistics
* Finance and Economics
* Geosciences
* Linguistics
* Marketing
* Medicine, Psychology and the Life Sciences
* Musicology
* Natural Sciences
Topics in these areas include but are not restricted to the following:

- Clustering, classification and regression
- Data mining in finance
- Data visualisation
- Dimensionality reduction
- Ensemble methods
- Feature space reduction
- Frequent pattern mining
- Image analysis and computer vision
- Knowledge representation and discovery
- Market risk management
- Massive and high dimensional data analysis
- Methods for personalization and recommender systems
- Methods for preference and positioning analysis
- Methods for social networks and other large graphs
- Multivariate statistical analysis of financial data
- Online algorithms and algorithms for data streams
- Prediction models/signatures
- Regulation network inference
- Statistical validation
- Text mining & statistical natural language processing

ECDA 2015 also incorporates a Workshop on Library and Information Science (LIS'2015), soliciting contributions on the role of classification and data analysis in this domain.

Accepted contributed and invited presentations at ECDA2015 will be published as post conference peer-reviewed full papers in the open access e-journal Archives of Data Science. In addition a selected number of peer-reviewed papers will be published in a Special Issue of the Journal Advances in Data Analysis and Classification (ADAC).

Important Dates

Jan 15, 2015: Registration and submission starts on conference webpage

May 15, 2015: Abstract submission deadline

June 30, 2015: Notification of acceptance of abstracts

July 15, 2015: Early registration deadline

Sept 2-4, 2015: Conference

Oct 30, 2015: Full paper submission deadline for Archives of Data Science

Feb 15, 2016 (tentative): Notification of acceptance for Archives of Data Science
Conference Chair
===============
Berthold Lausen, Mathematical Sciences, University of Essex, Colchester, UK

Scientific Program Chairs
======================
• Daniel Baier (*Gesellschaft für Klassifikation*)
• Andreas Geyer-Schulz (*Archives of Data Science*)
• Sabine Krolak-Schwerdt (*European Association for Data Science*)
• Fionn Murtagh (*British Classification Society*)
• Józef Pociecha (*Sekcja Klasyfikacji i Analizy Danych PTS*)

Local Organization Committee
==========================
• Berthold Lausen, Mathematical Sciences, Essex
• Aris Perperoglou, Mathematical Sciences, Essex
• Adi Florea, Mathematical Sciences, Essex
• Stavros Poupakis, Mathematical Sciences, Essex
• Adrian Clark, Computer Science & Electronic Engineering, Essex
• Hongsheng Dai, Mathematical Sciences, Essex
• Andrew Harrison, Mathematical Sciences, Essex
• Klaus McDonald-Maier, Computer Science & Electronic Engineering, Essex
• Thomas Plümper, Government, Essex
• Abdel Salhi, Mathematical Sciences, Essex

Scientific Program Committee
======================
(to be confirmed by 25 August 2014)

Invited Speakers include
=======================
(to be confirmed by 25 August 2014)

Conference Location
=================
University of Essex, Wivenhoe Park, Colchester, UK.

Social, Special and Other Events
=======================
Tuesday, 1 September 2015, 8 pm - Informal Get Together
Wednesday, 2 September 2015, 5 pm - GfKl Mitgliederversammlung / Annual General Meeting
Wednesday, 2 September 2015, 8 pm - The Art of Scottish Whiskey by David Wishart
Thursday, 3 September 2015, 8 pm - Conference Dinner
Friday, 4 September 2015, 4 pm - Conference Farewell