

## Scientific Program Committee

Chair: Hans A. Kestler (Ulm University, Germany)

### Statistics & Data Analysis

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Francesco Mola (U Cagliari, Italy)

Roberto Rocci (U Roma Tor Vergata, Italy)

Claus Weihs (TU Dortmund, Germany)

### Machine Learning & Knowledge Discovery

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Myra Spiliopoulou (Otto-von-Guericke University Magdeburg, Germany)

### Data Analysis in Marketing

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Reinhold Decker (U Bielefeld, Germany)

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Colin Vance (RWI Essen, Germany)

### Data Analysis in Medicine and Life Sciences

Iris Pigeot (BIPS GmbH, Bremen, Germany)

Matthias Schmid (LMU München, Germany)

Berthold Lausen (U Essex, UK)

### Data Analysis in Social, Behavioural and Health Care Sciences

Ingo Rohlfing (U Bremen/ Jacobs U Bremen, Germany)

Ali Ünlü (TU München, Germany)

Jeroen K. Vermunt (Tilburg U, The Netherlands)

Karin Wolf-Ostermann (Alice-Salomon U of Applied Sciences, Berlin, Germany)

### Data Analysis in Interdisciplinary Domains

Patrick Groenen (Erasmus U Rotterdam, The Netherlands)

Sabine Krolak-Schwerdt (U Luxembourg)

Frank Scholze (KIT Karlsruhe, Germany)

Andreas Geyer-Schulz (KIT Karlsruhe, Germany)

Adalbert F.X. Wilhelm (Jacobs U, Bremen, Germany)

## Important Dates

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March 15, 2014: Abstract submission deadline

April 30, 2014: Notification of acceptance

May 15, 2014: Early Registration Deadline

July 2-4, 2014: Conference

September 30, 2014: Full paper submission deadline - for the post-conference proceedings (tentative)

November 15, 2014: Notification of acceptance for the post-conference proceedings (tentative)



## Local Organizer:

Adalbert F.X. Wilhelm

Karina De Santis

School of Humanities and Social Sciences

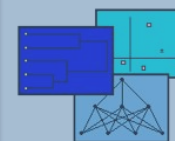
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28759 Bremen

Germany

[info@ecda2014.eu](mailto:info@ecda2014.eu)



JACOBS  
UNIVERSITY

The German Classification Society (GfKI)  
invites to the

# SECOND EUROPEAN CONFERENCE ON DATA ANALYSIS

## ECDA 2014

July 2 - 4, 2014

Hosted by  
Jacobs University Bremen,  
Germany

Organized in co-operation with  
the Italian Statistical Society Classification and Data  
Analysis Group (SIS-Cladag), Vereniging voor Ordinatie  
en Classificatie (VOC), Sekcja Klasyfikacji i Analizy  
Danych PTS (SKAD), and the International Association  
for Statistical Computing (IASC)

Bremen International  
Graduate School of Social Sciences



## Conference Topics

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 in the data analysis process. We solicit contributions from scholars and practitioners on all domains where statistical and data analytical methods are being developed and applied. We welcome contributions from all areas, in particular in the fields

Data Analysis and Statistics  
 Machine Learning and Knowledge Discovery  
 Data Analysis in Marketing  
 Data Analysis in Finance and Economics  
 Data Analysis in Medicine and the Life Sciences  
 Data Analysis in the Social, Behavioral and Health Care Sciences  
 Data Analysis in Interdisciplinary Domains including archeology, astronomy, education, engineering, geosciences, linguistics, logistics, musicology, natural sciences



Topics in these areas include but are not restricted to

Classification and regression  
 Big Data Analytics  
 Dimensionality reduction  
 Frequent pattern mining  
 Relational learning  
 Online algorithms and algorithms for data streams  
 Data sonification  
 Knowledge representation and discovery  
 Feature space reduction  
 Methods for personalization and recommender systems  
 Text mining & statistical natural language processing  
 Web mining  
 Methods for social networks and other large graphs  
 Image analysis and computer vision  
 Classification and regression-type approaches  
 Methods for knowledge representation and discovery  
 Methods for analyzing and representing social networks  
 Methods for preference and positioning analysis  
 Analysis of Financial Time Series  
 Multivariate Statistical Analysis of Financial Data  
 Data Mining in Finance  
 Market Risk Management  
 Credit Risk Management  
 Applications in Banking and Other Financial Institutions  
 Applications in Corporate Finance  
 Applications in Personal Finance  
 Model Risk  
 Prediction models/signatures  
 Data preparation/normalization  
 Ensemble methods  
 Statistical validation  
 Mixture models  
 Change-point problems in bioinformatics applications  
 Regulation network inference

ECDA 2014 also incorporates a Workshop on Library and Information Science (LIS'2014), soliciting contributions on the role of classification and data analysis in this domain.

The conference language is English.

Participants intending to present a talk are invited to submit an abstract via the conference website [ecda2014.eu](http://ecda2014.eu) or [gfk12014.de](http://gfk12014.de). All abstracts will undergo a reviewing process. The post-conference proceedings will be published in the Springer Series 'Studies in Classification, Data Analysis, and Knowledge Organization'.

Detailed information about the submission and refereeing procedures, formatting instructions, transport to Bremen as well as housing arrangements at Jacobs University Bremen will be available on the conference website [ecda2014.eu](http://ecda2014.eu) or [gfk12014.de](http://gfk12014.de) in January 2014.

Registration Fees	Until May 15, 2014	After May 15, 2014
Regular	300 €	350 €
Members of GfKI, IFCS and associated societies	240 €	290 €
Students	50 €	80 €
LIS Workshop	100 €	120 €

All fees include coffee breaks and lunches. Regular and member fees also include the post-conference proceedings and participation in the Conference Dinner.

Online registration will open on February 1, 2014 at [ecda2014.eu](http://ecda2014.eu) or [gfk12014.de](http://gfk12014.de)