

Conference Location

Hildesheim, Germany

The GfKI 2012 will be hosted by the University of Hildesheim. The University of Hildesheim is renowned for quality research and education.



(Photo: ©Hildesheim Marketing (Photographer: Obornik))

Hildesheim is a beautiful town with UNESCO World Heritage Sites, located in the very center of Germany. Hildesheim has excellent train connections from all major cities of Germany, and is located only 30 km away from the international airport of Hannover.

Conference venue:

Domäne Marienburg
Domänenstraße
31141 Hildesheim

(Further information about the Domäne Marienburg: <http://www.uni-hildesheim.de>)

Local Organizers

Prof. Dr. Dr. Lars Schmidt-Thieme
Ruth Janning, M.Sc.
Information Systems and Machine Learning Lab
University of Hildesheim, Germany

PC Chairs

Myra Spiliopoulou
Otto-von-Guericke-Univ. Magdeburg, Germany
Prof. Dr. Dr. Lars Schmidt-Thieme
University of Hildesheim, Germany

PC Area Chairs

AREA Statistics and Data Analysis:

Claus Weihs, TU Dortmund
Hans-Hermann Bock, RWTH Aachen
Christian Hennig, University College London

AREA Machine Learning and Knowledge Discovery (MLKD):

Myra Spiliopoulou, University of Magdeburg
Lars Schmidt-Thieme, University of Hildesheim

AREA Data Analysis in Marketing:

Daniel Baier, BTU Cottbus
Reinhold Decker, Bielefeld University

AREA Data Analysis in Finance:

Michael Hanke, University of Liechtenstein
Krzysztof Jajuga, Wroclaw Univ. of Economics

AREA Biostatistics and Bioinformatics:

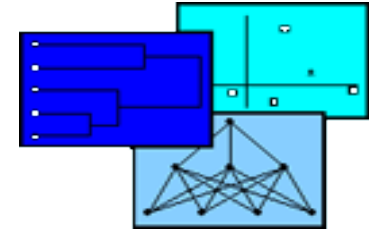
Anne-Laure Boulesteix, University Munich
Hans Kestler, University Ulm

AREA Interdisciplinary Domains:

Sabine Krolak-Schwerdt, University Luxembourg
Claus Weihs, TU Dortmund

Confirmed Invited Speakers

Wolfgang Gaul, University of Karlsruhe, Germany
Shai Ben-David, University Waterloo, Canada
Joao Gama, University of Porto, Portugal
Hillol Kargupta, UMBC, USA
Michele Sebag, LRI, France
Thomas Seidl, RWTH Aachen, Germany
Dirk van der Poel, University Gent, Belgium
Katsutoshi Yada, University Kyoto, Japan
Alex Weissensteiner, Free University Bolzano, Italy



36th Annual Conference of the German Classification Society (GfKI) on Data Analysis, Machine Learning and Knowledge Discovery

August 1-3, 2012

Hildesheim, Germany

www.gfki2012.de



Conference Topics

We solicit contributions from scholars and partitioners on all domains where statistical and learning methods are being developed and applied to solve scientific problems. Topics in these areas include but are not limited to:

- Classification and regression
- Dimensionality reduction
- Frequent pattern mining
- Relational learning
- Online algorithms & algorithms for data streams
- Knowledge representation and discovery
- Feature space reduction
- Methods for personalization and recommender systems
- Text mining and 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 / Credit Risk Management
- Applications in Banking and Other Financial Institutions
- Applications in Corporate / Personal Finance
- Model Risk
- Prediction models/signatures
- Data preparation/normalization
- Ensemble methods
- Dimension reduction
- Statistical validation
- Mixture models
- Change-point problems in bioinformatics
- Regulation network inference

Submission of Abstracts and Papers

Abstract and paper submissions take place electronically. Contributions must be submitted to one of the GfKI 2012 Areas; see www.gfki2012.de for the descriptions of the areas, and follow the link to the electronic submission system. After blind reviewing, accepted abstracts will appear in the pre-conference volume. After the presentations at the conference, the authors can submit full papers to the postconference proceedings volume. The full papers will undergo a separate blind reviewing process. The postconference proceedings will be published in the Springer Series "Studies in Classification, Data Analysis, and Knowledge Organization".

Dates and Deadlines

Friday February 24, 2012:

Submission system open

Tuesday April 17, 2012:

Abstract submission deadline

Friday April 27, 2012:

Notification of acceptance for presentations

Wednesday - Friday August 1-3, 2012:

Conference

Friday August 31, 2012:

Deadline for submission of full papers for the post-conference proceedings

Friday November 16, 2012:

Notification of acceptance of the papers for the post-conference proceedings

Friday December 7, 2012:

Camera-ready of accepted papers

LIS'2012

GfKI 2012 also incorporates a Workshop on Library and Information Science (LIS'2012), soliciting contributions on the role of classification and data analysis in this domain. Topics in these area include but are not limited to:

- Open Access to classification systems
- Classification and subject indexing in the context of catalogs and resource discovery systems
- Linked (subject) data
- Classification, Subject indexing and the Semantic Web
- Automatic and manual methods in Classification and Subject indexing
- Subject retrieval in multilingual, multicultural environments
- Serendipity in library collections and digital libraries

Registration and Fees

GfKI 2012	until 30/06/12	after 30/06/12
Regular	€ 300,-	€ 360,-
Members of GfKI and associated societies	€ 240,-	€ 300,-
Students	€ 60,-	€ 80

Regular and member fees include

- the post-conference proceedings by Springer as well as
- the conference dinner.

LIS'2012	until 30/06/12	after 30/06/12
	€ 100,-	€ 120,-