

LOCATION: BAYREUTH

Bayreuth is a city which has historically grown as a Margravial Residence and is in the meantime world famous because of the Richard Wagner Festival. It is the largest city in Upper Franconia. Today, it is a modern Economic, Congress and University City that is on its way to becoming a high-tech centre of the region. Bayreuth's places of interest, its museums and its diversity of cultural offers promises exciting days throughout the year.



Cultural Richness

Bayreuth has the most beautiful preserved Baroque Theatre in Europe with the Margravial Opera House. It is a UNESCO World Cultural Heritage Site since 2012. In 2014 it was elected on the list of the TOP 100 attractions in Germany. Charming castles, the historical Eremitage Park with its dreamy grottos and fountains, the Festival Theatre with its unique acoustics, as well as a variety of interesting museums awaits you. Numerous music and theatre festivals provide cultural experience at it's highest level.

Premium Class Leisure Facilities

Bayreuth has top class leisure facilities, so for example the 'feel good' oasis, the Lohengrin Thermal Spa, in immediate vicinity of the Eremitage and to an 18-hole golf course. Well-kept hotels and inns invite you to relax and forget about your daily routines. Franconian and international restaurants provide a variety of culinary delights.

IMPORTANT DATES

- Abstract submission deadline: **December 31, 2018**
- Notification of abstract acceptance: **January 15, 2019**
- Early registration deadline: **January 31, 2019**
- Registration deadline: **February 15, 2019**
- Full paper submission: **May 15, 2019**

Please note that all deadlines mentioned are only preliminary and may be changed later.

FURTHER INFORMATION

For further information visit www.ecda2019.de. There you will receive the latest news about the conference and learn more about registration and fees, the submission of papers, travel and much more. We look forward to your participation and of course an exciting conference!

PROGRAM CHAIRS

Daniel Baier, University of Bayreuth, Germany
Berthold Lausen, University of Essex, United Kingdom
Angela Montanari, University of Bologna, Italy

See www.ecda2019.de for program committee members.

CONTACT

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ECDA was launched in 2013 and emerged from the annual conference of the German Classification Society (GfKI). It is supported by the European Association for Data Science (EuADS) as well as other European classification societies (British Classification Society (BCS), Section on Classification and Data Analysis of the Polish Statistical Association (SKAD), Classification and Data Analysis Group of the Italian Statistical Society (CLADAG)) and the Japanese Classification Society (JCS).

ECDA 2019 includes the 43rd Annual Meeting of the GfKI Data Science Society and is hosted by the University of Bayreuth, a dynamic and research-oriented campus university with an interdisciplinary approach in scenic northern Bavaria. With the University's interdisciplinary approach in mind, ECDA 2019 will pay special emphasis on interdisciplinary research and the interaction of theory and practice. The scientific program of the conference will include sessions with invited talks and contributed presentations covering a broad range of topics.

MAJOR THEMES & TOPICS

The European Conference on Data Analysis solicits contributions to theoretical as well as application-oriented research on topics in the realm of data science, with a specific focus on data analytics. With its motto „Multidisciplinary Facets of Data Science“, ECDA 2019 specifically emphasizes the important interplay of disciplines involved in data science, most notably mathematics, statistics, computer science and their applications in economics, finance, marketing and biostatistics. Topics of interest include, but are not limited to the following:

Theory & Methods

- Big Data
- Clustering
- Classification
- Discrimination and Regression
- Data Science
- Databases and Data Management
- Data Mining, Text and Web Mining
- Data Visualization
- Dimension Reduction
- Image Analysis and Computer Vision
- Impact of Technical Revolution and Library Science
- Knowledge Representation and Discovery
- Machine Learning

- Mathematical Foundations of Data Science
- Multivariate Methods
- Online Algorithms and Algorithms for Data Streams
- Social Network Analysis
- Statistical and Econometric Methods
- Symbolic Data Analysis

Applications

- Archeology
- Biostatistics
- Business and Management
- Economics
- Education
- Engineering
- Medicine and Health Care
- Geosciences
- Industrial Automation
- Linguistics
- Marketing
- Finance
- Musicology
- Psychology
- Risk Management
- Social Sciences

INVITED SPEAKERS

This year's edition of the ECDA will again be the stage for many interesting lectures by invited speakers. The lectures revolve around the topic of data science and thereby highlight current developments and the current state of development as well as practical applications of the methods.

Visit www.ecda2019.de for a current list of invited speakers.

LOCATION: University of Bayreuth

ECDA 2019 will be hosted by the University of Bayreuth, a dynamic and research-oriented campus university in scenic northern Bavaria.

It provides sustainable education through science and research-based teaching. In excellently designated disciplines and in strategically selected profile fields, the university offers best study conditions to students from Germany and abroad and also is highly attractive to researchers from all over the world. In doing so, it acts strongly in regional, national and international competition and has a focused internationalization strategy. The University of Bayreuth cooperates with universities, colleges and non-university research institutions worldwide and promotes the dialogue between science and society.

