

The development of statistical theory and methodology is a significant part of the 'Deutsche Arbeitsgemeinschaft Statistik' (DAGStat), an association of the following scientific societies and organisations.

- **deENBIS** European Network for Business and Industrial Statistics - Deutsche Sektion
- **DESTATIS** Statistisches Bundesamt
- **AG Statistische Methoden in der Epidemiologie** der Deutschen Gesellschaft für Epidemiologie (DGEpi) e.V.
- **DStatG** Deutsche Statistische Gesellschaft
- **Sektion Methoden der Politikwissenschaft** der Deutschen Vereinigung für Politikwissenschaft (DVPW)
- **DMV-Fachgruppe Stochastik e.V.** der Deutschen Mathematiker-Vereinigung
- **GfKI** Gesellschaft für Klassifikation e.V.
- **gmds** Deutsche Gesellschaft für Medizinische Informatik, Biometrie und Epidemiologie e.V.
- **IBS-DR** Deutsche Region der Internationalen Biometrischen Gesellschaft
- **Fachgruppe Methoden und Evaluation** der Deutschen Gesellschaft für Psychologie (DGPs)
- **Sektion Methoden der Empirischen Sozialforschung** der Deutschen Gesellschaft für Soziologie (DGS)
- **VDSt** Verband Deutscher Städtestatistiker
- **Verein zur Förderung des schulischen Stochastikunterrichts e.V.**
- **Ausschuss Ökonometrie** im Verein für Socialpolitik e.V.



## REGISTRATION AND SUBMISSION OF ABSTRACTS

Submission of abstracts and registration via Conftool [www.conftool.org/dagstat2022/](http://www.conftool.org/dagstat2022/). The Deadline for abstract submission is December 19, 2021.

The conference will take place under the 2G regulation (only vaccinated and recovered person). An additional test concept may be set up.

The number of participants is limited to 600 due to university regulations, thus the event will be streamed. More information on [www.dagstat2022.de](http://www.dagstat2022.de).

If a face-to-face event is not possible due to the pandemic, it will be held as an online-only event at short notice. Please make sure, that you can cancel your travel bookings (e.g. train, flight) and accommodation at short notice and free of charge, as the organisers cannot cover any cancellation costs.

## CHAIRS OF THE LOCAL ORGANIZATION

**Sven Knoth**  
Helmut Schmidt University Hamburg

**Martin Spieß**  
Universität Hamburg

**Antonia Zapf**  
University Medical Center Hamburg-Eppendorf

## CHAIR OF THE SCIENTIFIC COMMITTEE

**Tim Friede**  
University Medical Center Göttingen



STATISTICS UNDER ONE UMBRELLA

## MIND THE GAP - INTERPLAY BETWEEN THEORY AND PRACTICE

**MARCH 28 – APRIL 1, 2022**  
**UNIVERSITY MEDICAL CENTER**  
**HAMBURG-EPPENDORF**

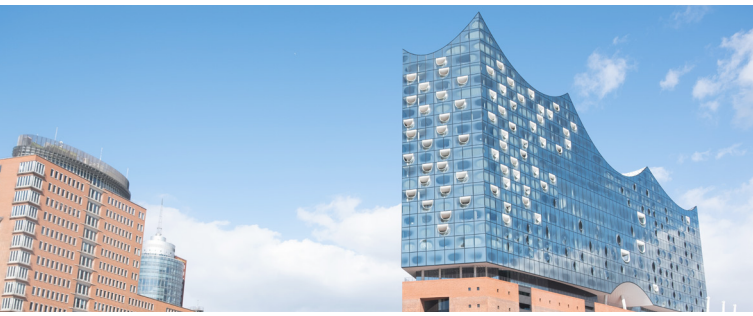
[www.dagstat2022.de](http://www.dagstat2022.de)

Spring meeting of the DStatG  
68th Biometric Colloquium of the IBS-DR  
45th annual conference of the GfKI

## CONFERENCE PROGRAM

We cordially invite you to join the sixth Joint Statistical Meeting DAGStat 2022 at the **University Medical Center Hamburg-Eppendorf (UKE)**. This meeting includes the 'Spring Meeting' of the German Statistical Society, the 68th Biometric Colloquium' of the German Region of the International Biometric Society and the '45th annual conference' of the Gesellschaft für Klassifikation.

The conference program includes all fourteen associations of the DAGStat. Matching the motto 'Mind the gap - Interplay between theory and practice', the plenary presentations address current topics such as statistics in medicine, economics, engineering and social sciences as well as methodological statistics. This broad view of statistics encourages enriching scientific discussions at the conference and social meetings for statisticians of various application areas.



## HAMBURG

The Hanseatic City of Hamburg has about 1.85 million inhabitants and is the second-largest city in Germany. Did you know that the Port of Hamburg is one of the world's largest universal ports? Hamburg is located at the river Elbe in Northern Germany and is internationally known for the **Elbphilharmonie**, **St. Pauli district** and **Reeperbahn**. The World Heritage Sites **Speicherstadt** and **Kontorhausviertel** are a part of the city. The conference location **UKE**, founded in 1889, is one of the leading clinics in Europe.

## PLENARY SPEAKERS

<b>Broderick</b> , Tamara	MIT, USA
<b>Hastie</b> , Trevor	Stanford U, USA
<b>Hernan</b> , Miguel	Harvard U, USA
<b>Woodall</b> , Bill	Virginia Tech, USA

## INVITED SPEAKERS

<b>Aaron</b> , Catherine	U Blaise Pascal, FR
<b>Breidt</b> , Jay	Colorado State U, USA
<b>Butts</b> , Carter Tribbley	UC Irvine, USA
<b>Castillo</b> , Ismaël	Sorbonne U, FR
<b>Çetinkaya-Rundel</b> , Mine	Duke U, USA
<b>De Raedt</b> , Luc	KU Leuven, BEL
<b>Detle</b> , Holger	RU Bochum, DE
<b>Fryzlewicz</b> , Piotr	LSE London, UK
<b>Hilbert</b> , Sven	U Regensburg, DE
<b>Huber</b> , Martin	U Fribourg, CH
<b>Hurley</b> , Catherine	Maynooth U, IE
<b>Jackson</b> , Daniel	AstraZeneca, UK
<b>Jacqmin-Gadda</b> , Hélène	U Bordeaux, FR
<b>Jeske</b> , Daniel	UC Riverside, USA
<b>Josse</b> , Julie	INRIA Montpellier, FR
<b>Jäckle</b> , Annette	U of Essex, UK
<b>Katzfuss</b> , Matthias	Texas A&M, USA
<b>Kunz</b> , Cornelia	Boehringer Ingelheim, DE
<b>Marx</b> , Brian	Louisiana State U, USA
<b>Mellace</b> , Giovanni	SDU Denmark, DK
<b>Murphy</b> , Susan	Harvard U, USA
<b>Nugent</b> , Rebecca	Carnegie Mellon U, USA
<b>Pfeffermann</b> , Danny	U of Southampton, UK
<b>Pohar Perme</b> , Maja	U Ljubljana, SL
<b>Renò</b> , Roberto	U Verona, IT
<b>Riebler</b> , Andrea	NUST Trondheim, NO
<b>Riley</b> , Richard	Keele U, UK
<b>Robinson</b> , Mark	U Zurich, CH
<b>Seiler</b> , Stephan	Imperial College, UK
<b>Tuerlinckx</b> , Francis	KU Leuven, BE
<b>Van Mechelen</b> , Iven	KU Leuven, BE
<b>Wason</b> , James	Newcastle U, UK

## TOPICS

- Advanced Regression Modelling
- Artificial Intelligence and Machine Learning
- Bayesian Statistics
- Bioinformatics and Systems Biology
- Causal Inference
- Clustering and Classification
- Computational Statistics and Statistical Software
- Data Science
- Design of Experiments and Clinical Trials
- Digital and Sensor Data
- Empirical Economics and Applied Econometrics
- Latent Variable Modelling
- Marketing and E-Commerce
- Mathematical Statistics
- Meta-Analysis
- Network Analysis
- Official and Survey Statistics
- Robust and Nonparametric Statistics
- Spatial and spatio-temporal Statistics
- Statistical Literacy and Statistical Education
- Statistical Methods in Epidemiology
- Statistics in Agriculture and Ecology, Environmental Statistics
- Statistics in Behavioral and Educational Sciences
- Statistics in Finance
- Statistics in Science, Technology and Industry
- Statistics in the Pharmaceutical and Medical Device Industry
- Statistics of High Dimensional Data
- Survey Methodology
- Survival and Event History Analysis
- Text Mining and Content Analysis
- Time Series Analysis
- Visualisation and Exploratory Data Analysis