



## Call for Papers

### IFCS 2022

#### Classification and Data Science in the Digital Age

#### 17<sup>th</sup> Conference of the International Federation of Classification Societies

19<sup>th</sup>-23<sup>rd</sup> July 2022 – Porto, Portugal

Conference website: <https://ifcs2022.fep.up.pt/>

Write to us at: [ifcs2022@fep.up.pt](mailto:ifcs2022@fep.up.pt)

We are proud to announce the keynote speakers that have already confirmed their participation to the IFCS 2022 Conference:

- **Genevera Allen** (USA)
- **Charles Bouveyron** (FR)
- **Dianne Cook** (AUS)
- **João Gama** (PT)

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### Publications

- **Pre-conference Proceedings (6-8 page papers) in the Springer Series: “Studies in Classification, Data Analysis, and Knowledge Organization”**
- **Post-conference Special Issues:**
  - **Advances in Data Analysis and Classification (ADAC)**
  - **Journal of Classification**
  - **Machine Learning**
  - **EURO Journal on Computational Optimization**

## Conference topics

Big Data • Biplots • Clustering, Classification and Discrimination • Compositional Data Analysis • Computer Graphics and Visualization • Data Science • Data Science Education • Data Streams • Databases and Data Management • Deep Learning • Dependence Modelling and Copulas • Dimension Reduction • Formal Concept Analysis • Functional Data Analysis • Generalized Linear Models • Image Analysis and Computer Vision • Information-theoretic Statistical Modelling and Model Selection • Knowledge Representation and Discovery • Machine Learning • Mathematical Foundations of Data Science • Matrix Factorization • Meta-learning • Missing Data Handling • Model-based Clustering • Modelling High-Dimensional and Complex Data • Natural Language Processing • Optimization in Classification and Clustering • Pattern Recognition • Robust Methods • Social Network Analysis • Spatial Data Analysis • Statistical and Econometric Methods • Statistical Learning and Data Mining • Symbolic Data Analysis • Text Mining • Time Series Analysis • Web Mining

### with Applications in

Archaeology • Astronomy • Biology • Business and Management • Economics • Education • Engineering • Finance • Geosciences • Industry • Linguistics • Marketing • Medicine and Health Care • Musicology • Psychology • Risk Management • Social Sciences

### Important dates:

#### **January 15th, 2022 - Submission of full papers**

March 1st, 2022 - Notification to authors

March 15th, 2022 - Submission of revised papers

#### **March 31st, 2022 - Deadline Submission of Single Abstracts**

April 14th, 2022 - Notification to Single Abstract Authors

April 30th, 2022- Early registration deadline

June 15th, 2022- Standard registration deadline

after June 15th, 2022 - Late registration deadline

**We look forward to meeting you in Porto in July 2022 !**