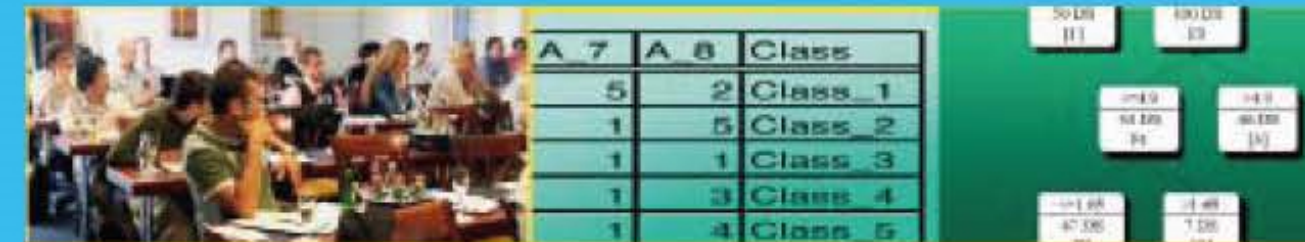


Petra Perner (Ed.)

# Advances in Data Mining



22<sup>nd</sup> Industrial Conference on Data Mining, ICDM 2022  
New York, USA July 13-17, 2022

## Proceedings

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Applications and Theoretical Aspects

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Proceedings

Volume Editor

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## Editorial

The twenty-second event of the Industrial Conference on Data Mining ICDM was held in New York again ([www.data-mining-forum.de](http://www.data-mining-forum.de)) running under the umbrella of the World Congress on “The Frontiers in Intelligent Data and Signal Analysis, DSA 2022” ([www.worldcongressdsa.com](http://www.worldcongressdsa.com)).

At a time when we are still struggling with the corona pandemic, we scientists from different nations have gathered together for a peaceful discourse on an important research focus in the field of data mining and machine learning.

With our conference, we scientists show that we respect the opinions and work of others. That we are ready to consider them peacefully and in friendship under the critical view of the high scientific standards that this conference has.

The conference is an application-oriented conference. In recent years, we have seen a decline in interest in application-oriented research. Probably also because now innovative foundations are focused on oriented research, which requires not so time-consuming work with the experts on site. But we hope that interest will stabilize once we have overcome the consequences of Corona.

The International Program Committee has done an excellent and time-consuming job to select the best papers and provide important guidance on the work of the authors. I would like to thank all the members of the Program Committee for their efforts and that you have contributed with your top-class scientific competence.

The best papers are presented at this conference. The acceptance rate is 33%.

Thank you to all the scientists who have participated in this conference with your excellent work.

A special issue will be done after the conference in the Intern. Journal Transactions on Machine Learning and Data Mining (<http://www.ibai-publishing.org/journal/mldm/about.php>).

I would also like to thank those scientists who have participated in the conference with their work and have not been successful. Even if we have rejected work, we hope that the indications of the program committee will encourage you to reconsider your work and that you will perhaps face the critical scientific consideration of your work by the international program committee again next year.

The tutorial days rounded up the high quality of the conference. Researchers and practitioners got an excellent insight in the research and technology of the respective fields, the new trends and the open research problems that we like to study further.

A tutorial on Data Mining and a tutorial on Case-Based Reasoning, were held after the conference.

I also thank the members of the Institute of Computer Vision and applied Computer Sciences, Germany ([www.ibai-institut.de](http://www.ibai-institut.de)), who handled the conference as secretariat. We appreciate the help and understanding of the editorial staff at ibai-publishing house, who supported the publication of these proceedings (<http://www.ibai-publishing.org/html/proceeding.php>).

Last, but not least, we wish to thank all the speakers and participants who contributed to the success of the conference. We hope to see you in 2023 in New York again

at the next World Congress on “The Frontiers in Intelligent Data and Signal Analysis, DSA 2023” ([www.worldcongressdsa.com](http://www.worldcongressdsa.com)), which combines under its roof the following three events: International Conferences Machine Learning and Data Mining, MLDM ([www.mldm.de](http://www.mldm.de)), the Industrial Conference on Data Mining, ICDM ([www.data-mining-forum.de](http://www.data-mining-forum.de)), and the International Conference on Mass Data Analysis of Signals and Images in Medicine, Biotechnology, Chemistry, Biometry, Security, Agriculture, Drug Discovery and Food Industry, MDA ([www.mda-signals.de](http://www.mda-signals.de)), the workshops and tutorials.

July 2022

Petra Pernert

# 22<sup>nd</sup> Industrial Conference on Data Mining ICDM 2022

[www.data-mining-forum.de](http://www.data-mining-forum.de)

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Petra Perner

Institute of Computer Vision and Applied Computer Sciences, IBAI, Germany

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