



Call for Papers

19th Industrial Conference on Data Mining

icdm 2019

July 10 – 14, 2019, New York/USA

Chair: Prof. Dr. Petra Perner

Institute of Computer Vision and applied Computer Sciences, IBal Leipzig/Germany

Aim of the Conference

This conference is the fifteenth conference in a series of industrial conferences on Data Mining that will be held on yearly basis. Experts from different fields will present their applications and the results obtained by applying data mining. Besides that, newcomers in the field can get a fast introduction to Data Mining by taking the tutorial running in connection with the conference. In a problem/solution hour you will have the opportunity to present your application and ask for support by others or for cooperation in solving the problem.

Program Committee

Ajith Abraham	Machine Intelligence Research Labs (MIR Labs), USA
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Gero Szepannek	University of Applied Sciences Stralsund, Germany
Joao Miguel Costa Sousa	Technical University of Lisbon, Portugal
Markus Vattulainen	Tampere University, Finland
Zhu Bing	Sichuan University, China



Important Dates

Long Paper

Deadline for paper submission: January 15, 2019

Notification of acceptance: April 10, 2019

Submission of camera-ready copy: May 05, 2019

Please submit the electronic version of your long paper to the CMS-System

Short Paper and Industry Paper

Deadline for paper submission: March 20, 2019

Notification of acceptance: May 29, 2019

Submission of camera-ready copy: June 10, 2019

Please submit the electronic version of your short or industry paper to the info@data-mining-forum.de.

Topics

Paper submissions should be related but not limited to any of the following:

Applications of Data Mining in...

- Marketing
- Medicine
- E-Commerce (Mining Logfiles)
- Biotechnology
- Quality Management
- Multimedia Data (Image, Video, Text, Signals)
- Web-Mining
- Intrusion Detection in Networks
- Agriculture
- Meteorology

Theoretical and Application-oriented Topics in...

- Case-Based Reasoning
- Clustering
- Classification & Prediction
- Statistical Learning
- Association Rules
- Telecommunication
- Design of Experiment
- Strategy of Experimentation
- Capability Indices

- Deviation and Novelty Detection
- Control Charts
- Conceptual Learning
- Goodness Measures and Evaluation (e.g. false discovery rates)
- Inductive Learning Including Decision Tree and Rule Induction Learning
- Organisational Learning and Evolutional Learning
- Sampling Methods
- Similarity Measures and Learning of Similarity
- Statistical Learning and Neural Net Based Learning
- Visualization and Data Mining
- Deviation and Novelty Detection
- Feature Grouping, Discretization, Selection and Transformation
- Feature Learning
- Frequent Pattern Mining
- Learning and Adaptive Control
- Learning/Adaption of Recognition and Perception
- Learning for Handwriting Recognition

- Learning in Image Pre-Processing and Segmentation
- Mining Financial or Stockmarket Data
- Mining Motion from Sequence
- Subspace Methods
- Support Vector Machines
- Time Series and Sequential Pattern Mining
- Desirabilities
- Graph Mining
- Agent Data Mining
- Applications in Software Testing
- Knowledge Management
- Mining Social Media
- Online Targeting & Controlling
- Behavioral Targeting
- Meteorological Data Mining
- Data Mining in Logistics
- Data Mining in Energy Industry
- Business Intelligence and Data Mining
- Legal Informatics and Data Mining
- Data Mining for Logistic and Supply Chain Management

Papers


Authors can submit their papers in long or short version. Papers will be submitted via online reviewing systems. Please submit the PDF-File of your camera-ready paper through the relevant COMMENCE conference management system. Please look for more information to <http://www.data-mining-forum.de> | info@data-mining-forum.de.


Long Papers (Oral Papers)

Long papers must be formatted in the Springer LNCS format. They should have at most 15 pages. Papers will be reviewed by the program committee. Accepted long papers will appear in the proceedings book "Advances in Data Mining" published by ibai-publishing Prof. Dr. Petra Pernert. Extended versions of selected papers will be published in a special issue of an international journal after the conference.

Short Paper (Poster Papers)

Short papers are also welcome and can be used to describe work in progress or project ideas. They should have no more than 15 pages, formatted in Springer LNCS format. Accepted short papers will be presented as posters in the poster session. They will be published in a special poster proceedings book.





Industry Papers

We encourage industrial people to show their applications and projects for data mining. This work can be presented as poster during the poster session in the special industry track. Please submit a one page abstract including title, name and affiliation.

Accepted industry Presentation will be published in the Series Industry proceedings "Advances in Data Mining". The size of the paper can range from 1 to 5 pages in Springer LNCS format. Colour illustrations are not possible. We recommend you to consider carefully the reviewers comments in the preparation of your final manuscript.

Tutorials

(www.data-mining-forum.de/tutorials.php)

Data Mining Tutorial

Prof. Dr. Petra Perner, Institute of Computer Vision and Applied Computer Sciences IBal,
July 14, 2019, New York/ USA
www.mldm.de/t_dm.php

Case-Based Reasoning Tutorial

July 13th, 2019, New York/ USA
Prof. Dr. Petra Perner, Institute of Computer Vision and Applied Computer Sciences IBal,
www.mldm.de/t_cbr.php

Tutorial Standardization in Immunofluorescence

July 6st, 2019 New York, USA,

Intelligent Image Interpretation and Computer Vision in Medicine, Biotechnology, Chemistry & Food Industry

July 9th, 2019, New York/ USA
Prof. Dr. Petra Perner, Institute of Computer Vision and Applied Computer Sciences IBal,
www.mldm.de/w_pattern_recognition.php

Workshops

(www.data-mining-forum.de/workshops.php)

International Workshop on Data Mining in Marketing DMM 2019

July 12, 2019, New York/ USA
Workshop Chair: Petra Perner, Institute of Computer Vision and applied Computer Sciences, IBal, Germany
www.data-mining-forum.de/w_marketing.php

International Workshop Case-Based Reasoning CBR-MD 2019

July 12, 2019, New York/USA,
Workshop Chair: Petra Perner, Institute of Computer Vision and applied Computer Sciences, IBal, Germany
www.data-mining-forum.de/w_casebased.php

International Workshop Advanced Internet of Things for Medicine and Others - IoTMO 2018

July 12, 2019, New York, USA
Workshop Chair: Calin Ciufudean, "Stefan cel Mare" University, Romania
http://www.data-mining-forum.de/w_b2ml.php

International Workshop on Multimedia Forensic Data Analysis Forensic' 2019

July 12, 2019, New York, USA
Workshop Chair: Petra Perner, Institute of Computer Vision and applied Computer Sciences, IBal, Germany
http://www.data-mining-forum.de/w_forensic.php

Exhibition

(www.iedaexhibition.de)

18th Industrial Exhibition on Intelligent Data and Image Analysis IEDA 2019

July 13-14, 2016, New York/ USA
We like to invite you to present your company or publishing house at the Industrial Exhibition ieda 2019

