

Monday

Tuesday

Wednesday

Registration Desk Open (09:00 - 17:00)

Registration Desk Open (09:00 - 14:30)

Table with 4 columns: HS 1 (KDML), HS 2 (DB), HE 51 (WM), HE 52 (IR). Contains abstracts for 'Algorithm Engineering for Graph Clustering', 'Coffee break', and 'Parallel Sessions 2'.

Table with 4 columns: HS 1 (KDML), HS 2 (DB), HE 51 (WM), HE 52 (IR). Contains abstracts for 'Web-Scale Domain-Specific Information Extraction', 'Coffee break', and 'Parallel Sessions 3'.

Registration Desk Open (11:00 - 17:30)

Lunch

Lunch

Argument Mining: Manual and automatic annotation of short user-generated texts by Prof. Dr. Stede

Intelligent Enterprise by Dr. Sebastian Wieczorek

Parallel Sessions 4

Joint Research Session

Joint Applied Session

HS 1
Harmony Assumptions: Extending Probability Theory for Information Retrieval by Thomas Roelleke
Plackett-Luce Networks for Dyad Ranking by Dirk Schäfer and Eyke Huellermeier
Case Representation and Similarity Assessment in the selfBACK Decision Support System by Kerstin Bach, Tomasz Szczepanski, Agnar Aamodt, Odd Erik Gundersen and Paul Jarle Mork
The digital transformation is just the beginning by Dirk Helbing

HS 1
The Evolution of HyPer by Thomas Neumann
Case-Based Decision Support on Diagnosis and Maintenance in the Aircraft Domain by Pascal Reuss, Klaus-Dieter Althoff and Wolfram Henkel
Scalable Detection of Emerging Topics and Geo-spatial Events in Large Textual Streams by Erich Schubert, Michael Weiler and Hans-Peter Kriegel
Comparing contextual and non-contextual features in ANNs for movie rating prediction by Ghulam Mustafa and Ingo Frommholz

Table with 4 columns: HS 1 (KDML), HS 2 (DB), HE 51 (WM), HE 52 (IR). Contains abstracts for 'On the Evaluation of Outlier Detection', 'From Cloud to Fog and Sunny Sensors', 'Understanding Mathematical Expressions', 'Linked Data City', 'MapReduce Frameworks', 'Query-driven Data Integration', 'Finding Trees in Mountains', 'Scalable Inference in Dynamic Admixture Models', 'Towards rapidly developing database-supported machine learning applications', 'The Reveal of Subject Analysis: A Knowledge-based Approach', and 'Topical Video-On-Demand Recommendations based on Event Detection'.

Closing 3rd Day

Coffee break

Coffee break

Amazon: A Playground for Machine Learning by Dr. Archambeau

Community Meetings

Parallel Sessions 1

Table with 4 columns: HS 1 (KDML), HS 2 (DB), HE 51 (WM), HE 52 (IR). Contains abstracts for 'Synthesizing Invariants via Iterative Learning of Decision Trees', 'Robust Query Processing in Co-Processor-accelerated Databases', 'Understanding online financial communities: What constitutes a valuable information exchange for users?', 'Classification of German Newspaper Comments', 'The Partial Weighted Set Cover Problem with Applications to Outlier Detection and Clustering', 'Visualization-Driven Data Aggregation', 'Knowledge Analytics For Workplace Learning', 'Modern Tools for Old Content - in Search of Named Entities in a Finnish OCRed Historical Newspaper Collection 1771-1910', 'k-Means Clustering via the Frank-Wolfe Algorithm', 'SABER: Window-Based Hybrid Stream Processing for Heterogeneous Architectures', 'A Reference Model for Anti-Money Laundering in the Financial Sector', 'Challenges with Continuous Deployment of NoSQL-backed Database Applications', 'Experience - the neglected success factor in enterprises?', and 'Social Event + Dinner on your own'.

Poster Session + BBQ

Posters of all oral presentations and additional KDML-poster presentations:
6 Human Categorization Learning as Inspiration for Machine Learning Algorithms
12 Network Analysis with NetworKit - Interactive and Fast
17 Correlated Variable Selection in High-dimensional Linear Models using Dual Polytope Projection
25 Matrix Factorization for Near Real-time Geolocation Prediction in Twitter Stream
67 Sequential Modeling and Structural Anomaly Analytics in Industrial Production Environments
21 Assessing the Quality of Unstructured Data: An Initial Overview
30 Predicting video game properties with deep convolutional neural networks using screenshots
13 Applying Topic Model in Context-Aware TV Programs Recommendation

Closing 1st Day

Closing 2nd Day