

Wednesday, October 7, 2015

9:30 - 16:00	Registration		
11:00 - 11:30	Opening (K101)		
11:30 - 12:30	Session 1: Joint session (K101) Anas Alzoghbi, Victor Anthony Arrascue Ayala, Peter Fischer and Georg Lausen: <i>PubRec: Recommending Publication Based On Publicly Available Meta-Data</i> Thomas Niebler, Daniel Schlör, Martin Becker and Andreas Hotho: <i>Reality is not a game!</i>		
12:30 - 13:30	Lunch Break (Mensa)		
13:30 - 14:30	Keynote (K101) Steffen Staab: <i>Bias in the Social Web</i>		
14:30 - 15:30	Session 2: Joint session (K101) Falk Bösch and Ansgar Scherp: <i>Formalization and Preliminary Evaluation of a Pipeline for Text Extraction from Infographics</i> Marwan Hassani, Pascal Spaus and Thomas Seidl: <i>Multiple-Resolution Stream Clustering Using Graph Maintenance</i>		
15:30 - 16:00	Coffee break (Foyer)		
16:00 - 17:00	Session 3a: KDML (K101) Martin Atzmueller, Stephan Doerfel and Folke Mitzlaff: <i>Fast Description-Oriented Community Detection using Subgroup Discovery</i> Markus Ring, Dieter Landes and Andreas Hotho: <i>Automatic Threshold Calculation for the Categorical Distance Measure ConDist</i>	Session 3b: FGWM (HZ202) Michael Leyer, Ann-Kathrin Hirzel and Juergen Moormann: <i>Effectiveness of role plays on process-oriented behaviour in daily work practices: An analysis in the financial services sector</i> Naomi Pentrel and Michael Kohlhasse: <i>Relational Presentations Using Semantic Closeness: Spatial Narrative for Mathematical Content</i>	Session 3c: IR + FGDB (HZ203) Ioannis Karatassis and Sebastian Dungs: <i>Introducing a Gamification Approach for Enhancing Web Search Literacy</i>
17:00 - 18:30	Hotel check-in		
18:30 - 20:00	Guided City Tour (in front of the tourist information at the Porta Nigra)		
20:00	Conference Dinner (at own expenses) (Wirtshaus Trier, Kornmarkt)		

Thursday, October 8, 2015

8:00 - 16:00	Registration		
8:30 - 9:30	Keynote (K101) Thomas Seidl: <i>Fast Multimedia Stream Data Mining</i>		
9:30 - 10:30	Session 4: Joint session (K101) Radu Hambasan and Michael Kohlhase: <i>Faceted Search for Mathematics</i> Manuel Then, Linnea Passing, Nina Hubig, Stephan Günemann, Alfons Kemper and Thomas Neumann: <i>Effiziente Integration von Data- und Graph-Mining-Algorithmen in relationale Datenbanksysteme</i>		
10:30 - 11:00	Coffee break (Foyer)		
11:00 - 12:30	Session 5a: KDML (K101) Alexander Dallmann, Florian Lemmerich, Daniel Zoller and Andreas Hotho: <i>Media bias in German online newspapers</i> Celeste Chudyk, Hugo Castaneda, Romain Leger, Islem Yahiaoui and Frank Boochs: <i>Development of an Automatic Pollen Classification System Using Shape, Texture and Aperture Features</i> Pashutan Modaresi: <i>Automatic Identification of Multipage News: A Machine Learning Approach (20 minutes)</i>	Session 5b: FGWM (HZ202) Marmar Moussa and Marc Maynard: <i>iClass – Applying Multiple Multi-Class Machine Learning Classifiers combined with Expert Knowledge to Roper Center Survey Data</i> Andrea Zasada and Michael Fellmann: <i>A Pattern-based Approach to Transform Natural Text from Laws into Compliance Controls in the Food Industry</i> Daniel Knöll, Constantin Rieder, Martin Atzmueller and Klaus Peter Scherer: <i>Subgroup Discovery as a Method for Generating Test Ontologies</i>	Session 5c: IR + FGDB (HZ203) Zinnar Ghasem and Ingo Frommholz: <i>A Machine Learning Framework to Detect and Document Text-based Cyberstalking</i> Dirk Habich, Johannes Schad, Thomas Kissinger and Wolfgang Lehner: <i>Towards Programmability of a NUMA-aware Storage Engine</i> Jonas Traub, Tilmann Rabl, Fabian Hueske, Till Rohrmann and Volker Markl: <i>Die Apache Flink Plattform zur parallelen Analyse von Datenströmen und Stapeldaten</i>
12:30 - 13:30	Lunch Break (Mensa)		
13:30 - 14:30	Keynote (K101) Norbert Ritter: <i>Scalable Cloud Data Management with Polyglot Persistence</i>		
14:30 - 15:30	Session 6a: KDML (K101) Richard Leibrandt: <i>Big Data Science Architecture for Continuous Technology Transfer from Research to Industry Operations (20 minutes)</i> Edouard Fouché and Michael Wurst: <i>IbmdbPy: Accelerating Python Analytics by In-Database Processing (20 minutes)</i> Christoph Schmitz: <i>Deploying Machine Learning at Web Scale (20 minutes)</i>	Session 6b: FGWM (HZ202) Gilbert Müller and Ralph Bergmann: <i>POQL: A New Query Language for Process-Oriented Case-Based Reasoning</i> Pascal Reuss and Klaus-Dieter Althoff: <i>Dependencies between knowledge for the Case Factory maintenance approach</i>	Session 6c: IR + FGDB (HZ203) Sébastien Jelsch, Benedikt Kämpgen and Stefan Igel: <i>Optimierung von Analytischen Abfragen über Statistical Linked Data mit MapReduce</i> David Fekete and Gottfried Vossen: <i>The GOBIA Method: Towards Goal-Oriented Business Intelligence Architectures</i>
15:30 - 16:00	Coffee break (Foyer)		
16:00 - 17:00	Session 7a: KDML (K101) Adil Paul, Róbert Busa-Fekete and Eyke Huellermeier: <i>Random tournaments: Who plays with whom and how many times?</i> Fernando Benites and Elena Sapozhnikova: <i>Improving Multi-label Classification by Means of Cross-Ontology Association Rules</i>	Session 7b: FGWM (HZ202) Sebastian Furth and Joachim Baumeister: <i>On the Semantification of 5-Star Technical Documentation</i>	Session 7c: IR + FGDB (HZ203) Florian Stahl and Gottfried Vossen: <i>Data Quality Adjustments for Pricing on Data Marketplaces</i> Lena Wiese: <i>Polyglot database architectures = polyglot challenges</i>
17:00 - 18:00	Community Meetings KDML (K101) - FGWM (HZ202) - IR (HZ203)		
18:00	Poster Session (Foyer) Sarah Gessinger and Ralph Bergmann: <i>Flexible Process-Aware Information Systems – Deficiency Management in Shigeo Abe: Resolving Unclassifiable Regions in Multilabel Classification by Fuzzy Support Vector Machines</i> Rasoul Karimi: <i>Comparing Prediction Models for Active Learning in Recommender Systems</i> Riadh Ksantini and Raouf Gharbi: <i>A Novel Kernelized Classifier Based on the Combination of Partially Global and Local</i> Céline Rabouy, Sébastien Paris and Hervé Glotin: <i>New Graph regularized Sparse Coding for Image Categorization</i> Jim O' Donoghue, Mark Roantree, Bryan Cullen, Niall Moyna and Andrew McCarren: <i>Anomaly and Event Detection for Marwan Hassani, Christian Beecks, Daniel Töws and Thomas Seidl: Mining Sequential Patterns of Event Streams in a</i> Additional poster presentations (all authors of accepted papers are invited to bring a poster)		

Friday, October 9, 2015

8:30 - 9:30	Keynote (K101) Andreas Henrich: <i>Digital Research Infrastructures for the Humanities – Approaches and Challenges for Retrieval Applications</i>			
9:30 - 10:30	Session 8a: KDML (K101) Frank Höppner: <i>Impact of Warping vs Smoothing for Time Series Similarity</i> Daniel Trabold, Mario Boley, Michael Mock and Tamas Horvath: <i>In-stream Frequent Itemset Mining with Output Proportional Memory</i>	Session 8b: FGWM (HZ202) Susanne Durst and Michael Leyer: <i>A framework for using social media channels in knowledge exchange with customers</i> Andreas Korger: <i>Wissensmanagement in volatilen und temporären Organisationen</i>	Session 8c: IR (HZ201) Daniel Blank, Sebastian Boosz and Andreas Henrich: <i>Company Search – When Documents are only Second Class Citizens</i> Piroska Lendvai and Thierry Declerck: <i>Similarity-Based Cross-Media Retrieval for Events</i>	Session 8d: FGDB (HZ203) Stefan Braun, Johannes Schildgen and Stefan Deßloch: <i>Visualisierung von NoSQL-Transformationen unter der Verwendung von Sampling-Techniken</i> Uta Störl, Meike Klettke and Stefanie Scherzinger: <i>Kontrolliertes Schema-Evolutionsmanagement für NoSQL-Datenbanksysteme</i>
10:30 - 11:00	Coffee break (Foyer)			
11:00 - 12:30	Session 9a: KDML (K101) Stephan Günnemann: <i>Linearizing Belief Propagation for Efficient Label Propagation</i> Róbert Busa-Fekete, Balazs Szorenyi, Krzysztof Dembczynski and Eyke Huellermeier: <i>Online F-Measure Optimization</i> Pascal Welke, Tamas Horvath and Stefan Wrobel: <i>Probabilistic Frequent Subtree Kernels</i>	Session 9b: FGWM (HZ202) Eric Kübler and Mirjam Minor: <i>Towards Cross-layer Monitoring of Cloud Workflows</i> Alexander Legler and Joachim Baumeister: <i>Towards Context-aware Technical Service</i> Enxhell Luzhnica, Mihnea Iancu and Michael Kohlhase: <i>Importing the OEIS library into OMDOC</i>	Session 9c: IR + FGDB (HZ203) Mandy Roick, Maximilian Jenders and Ralf Krestel: <i>How to Stay Up-to-date on Twitter with General Keywords</i> Zinnar Ghasem and Ingo Frommholz: <i>A new approach for selecting informative features for text classification</i> Christoph Lofi and Philipp Wille: <i>Exploiting Social Judgements in Big Data Analytics</i>	
12:30 - 13:30	Lunch Break (Mensa)			
13:30 - 15:00	Session 10a: KDML (K101) Daniel Lücke, Oliver Kramer and Manfred Weisensee: <i>Simulated Annealing with Parameter Tuning for Wind Turbine Placement Optimization</i> Martin Becker, Philipp Singer, Florian Lemmerich, Andreas Hotho, Denis Helic and Markus Strohmaier: <i>Analyzing Geo-Spatial Trails: Visualizing and Comparing Movement Hypotheses</i> Sebastian Kauschke, Frederik Janssen and Immanuel Schweizer: <i>On the Challenges of Real World Data in Predictive Maintenance Scenarios: A Railway Application</i>		Session 10b: FGWM (HZ202) Dirk Stamer, Kurt Sandkuhl and Ulrike Borchardt: <i>Entwicklung einer Balanced-Scorecard zur Nutzenbewertung eines Lehr-Lern-Portals für die wissenschaftliche Weiterbildung</i> Kurt Sandkuhl, Dirk Stamer and Ulrike Borchardt: <i>Erfahrungen aus der Realisierung eines Portals für nicht- traditionelle Studienformate einer Universität</i>	
15:00 - 15:30	Coffee break (Foyer)			
15:30 - 17:00	Session 11a: KDML (K101) Christian Bauchhage: <i>k-Maxoids Clustering</i> Daniel Braun, Michael Singhof and Stefan Conrad: <i>An Adaptive Grid Segmentation Algorithm for Mountain Silhouette Extraction from Images</i> Frank Beer and Ulrich Bühler: <i>An In-Database Rough Set Toolkit</i>		Session 11b: FGWM (HZ202) Discussion on challenges and future topics in knowledge management	
17:00	Closing (K101)			