



**27th ACM International Conference on Information and
Knowledge Management
CIKM 2018**

**Centro Congressi Lingotto, Turin, Italy
Program - Tuesday, 23 October 2018
04:45PM-07:00PM**



Short/Demo/Case Study-Industry Sessions 1S, 1M, 1I

04:45-07:00	Session 1S: Short Papers 1 Area: Nizza	
	<i>Kishore Papineni, Pratik Worah</i> "A Dynamical System on Bipartite Graphs"	
	<i>Shaohua Fan, Chuan Shi, Xiao Wang</i> "Abnormal Event Detection via Heterogeneous Information Network Embedding"	
	<i>Ruijie Wang, Yuchen Yan, Jialu Wang, Yuting Jia, Ye Zhang, Weinan Zhang, Xinbing Wang</i> "AceKG: A Large-Scale Knowledge Graph for Academic Data Mining"	
	<i>Adit Krishnan, Ashish Sharma, Aravind Sankar, Hari Sundaram</i> "An Adversarial Approach to Improve Long-Tail Performance in Neural Collaborative Filtering"	
	<i>Parth Pathak, Mithun Das Gupta, Niranjana Nayak, Harsh Kohli</i> "AQuPR: Attention based Query Passage Retrieval"	
	<i>Alexey Borisov, Julia Kiseleva, Ilya Markov, Maarten de Rijke</i> "Calibration: A Simple Way to Improve Click Models"	
	<i>Mengdie Zhuang, Elaine G. Toms, Gianluca Demartini</i> "Can User Behaviour Sequences Reflect Perceived Novelty?"	
	<i>Kishore Papineni, Pratik Worah</i> "A Dynamical System on Bipartite Graphs"	
	<i>Negar Arabzadeh, Hossein Fani, Fattane Zarrinkalam, Ahmed Navivala, Ebrahim Bagheri</i> "Causal Dependencies for Future Interest Prediction on Twitter"	
	<i>Makoto P. Kato, Tomohiro Manabe, Sumio Fujita, Akiomi Nishida, Takehiro Yamamoto</i> "Challenges of Multileaved Comparison in Practice: Lessons from NTCIR-13 OpenLiveQ Task"	
	<i>Cristina Menghini, Jessica Dehler Zufferei(CoorpAcademy);Robert West</i> "Compiling Questions into Balanced Quizzes about Documents"	
	<i>Nicola Ferro, Claudio Lucchese, Maria Maistro, Raffaele Perego</i> "Continuation Methods and Curriculum Learning for Learning to Rank"	
	<i>Razvan-Gabriel Cirstea, Darius-Valer Micu, Gabriel-Marcel Muresan, Chenjuan Guo, Bin Yang</i> "Correlated Time Series Forecasting using Multi-Task Deep Neural Networks"	
	<i>Min Yang, Qiang Qu, Jia Zhu, Ying Shen, Zhou Zhao</i> "Cross-Domain Aspect/Sentiment-Aware Abstractive Review Summarization"	
	<i>Swapnil Gaikwad, Melody Moh, David Anastasiu</i> "Data Structure for Efficient Line of Sight Queries"	
	<i>Liron Allerhand, Brit Youngmann, Elad Yom-Tov, David Arkadir</i> "Detecting Parkinson's Disease from Interactions with a Search Engine: Is Expert Knowledge Sufficient?"	
	<i>Weihong Wang, Jie Xu, Yang Wang, Chen Cai, Fang Chen</i> "DualBoost : Handling Missing Values with Feature Weights and Weak Classifiers that Abstain"	
	<i>Anjie Fang, Iadh Ounis, Craig MacDonald, Philip Habel, Xiaoyu Xiong, Hai-Tao Yu</i>	

	<i>"An Effective Approach for Modelling Time Features for Classifying Bursty Topics on Twitter"</i>	
	<i>Claudio Lucchese, Franco Maria Nardini, Raffaele Perego, Roberto Trani, Rossano Venturini</i> <i>"Efficient and Effective Query Expansion for Web Search"</i>	
	<i>Matteo Catena, Ophir Frieder, Nicola Tonellotto</i> <i>"Efficient Energy Management in Distributed Web Search"</i>	
	<i>Ken Mizusawa, Keisi Tajima, Masaki Matsubara, Toshiyuki Amagasa, Atsuyuki Morishima</i> <i>"Efficient Pipeline Processing of Crowdsourcing Workflows"</i>	
	<i>Pengfei Xu, Jiaheng Lu</i> <i>"Efficient Taxonomic Similarity Joins with Adaptive Overlap Constraint"</i>	
	<i>Muhan Guo, Rui Zhang, Feiping Nie, Xuelong Li</i> <i>"Embedding Fuzzy K-Means with Nonnegative Spectral Clustering via Incorporating Side Information"</i>	
	<i>Alfan Farizki Wicaksono, Alistair Moffat</i> <i>"Empirical Evidence for Search Effectiveness Models"</i>	
	<i>Guandan Chen, Nan Xu, Wenji Mao</i> <i>"An Encoder-Memory-Decoder Framework for Sub-Event Detection in Social Media"</i>	
	<i>Haochen Chen, Xiaofei Sun, Yingtao Tian, Bryan Perozzi, Muhao Chen, Steven Skiena</i> <i>"Enhanced Network Embeddings via Exploiting Edge Labels"</i>	
	<i>Giannis Nikolentzos, Michalis Vazirgiannis</i> <i>"Enhancing Graph Kernels via Successive Embeddings"</i>	
	<i>Praveen Chandar, Ben Carterette</i> <i>"Estimating Clickthrough Bias in the Cascade Model"</i>	
	<i>Kazuhiro Seki</i> <i>"Exploring Neural Translation Models for Cross-Lingual Text Similarity"</i>	
	<i>Pengyuan Li, Xiangying Jiang, Hagit Shatkay</i> <i>"Extracting Figures and Captions from Scientific Publications"</i>	
	<i>Zafar Habeeb Syed, Michael Röder, Axel-Cyrille Ngonga Ngomo</i> <i>"FactCheck: Validating RDF Triples Using Textual Evidence"</i>	
	<i>Qikai Liu, Xiang Cheng, Sen Su, Shuguang Zhu</i> <i>"Hierarchical Complementary Attention Network for Predicting Stock Price Movements with News"</i>	
04:45-07:00	Session 1M: Demonstration Papers 1 Area: Nizza	
	<i>Ariyam Das, Sahil Gandhi, Carlo Zaniolo</i> <i>"ASTRO: A Datalog System for Advanced Stream Reasoning"</i>	
	<i>Jan Kristof Nidzwetzki, Ralf Hartmut Güting</i> <i>"BBoxDB - A Scalable Data Store for Multi-Dimensional Big Data"</i>	
	<i>Tim Repke, Ralf Krestel, Jakob Edding, Moritz Hartmann, Jonas Hering, Dennis Kipping, Hendrik Schmidt, Nico Scordialo, Alexander Zenner</i> <i>"Beacon in the Dark: A System for Interactive Exploration of Large Email Corpora"</i>	
	<i>Po-Ruey Lei, Li-Pin Xiao, Yu-Ting Wen, Wen-Chih Peng</i> <i>"CAPatternMiner: Mining Ship Collision Avoidance Behavior from AIS Trajectory Data"</i>	
	<i>Nave Frost, Daniel Deutch</i> <i>"CEC: Constraints based Explanation for Classifications"</i>	
	<i>Michael Loster, Felix Naumann, Jan Ehmüller, Benjamin Feldmann</i> <i>"CurEx - A System for Extracting, Curating, and Exploring Domain-Specific Knowledge Graphs from Text"</i>	
	<i>Stefano Ceri, Arif Canakoglu, Andrea Gulino, Abdulrahman Kaitoua, Marco Maseroli, Luca Nanni, Pietro Pinoli</i> <i>"Demonstration of GenoMetric Query Language"</i>	

	<i>Tabassum Kakar, Xiao Qin, Andrew Schade, Brian McCarthy, Huy Quoc Tran, Brian Zylich, Elke Rundensteiner, Lane Harrison, Sanjay Sahoo, Suranjan De</i> “DEVES: Interactive Signal Analytics for Drug Safety”	
	<i>Ziyuan Wang, Dain Yap Liffman, Dileban Karunamoorthy, Ermyas Abebe</i> “Distributed Ledger Technology for Document and Workflow Management in Trade and Logistics”	
	<i>Adam Jatowt, Ricardo Campos, Sourav S Bhowmick, Nina Tahmasebi, Antoine Doucet</i> “Every Word has its History: Interactive Exploration and Visualization of Word Sense Evolution”	
	<i>Lúcio Fernandes Dutra Santos, Gustavo Blanco, Daniel Oliveira, Agma Traina, Caetano Traina, Marcos Bedo</i> “Exploring Diversified Similarity with Kundaha”	
	<i>Tanguy Raynaud, Julien Subercaze, Frederique Laforest</i> “Fouilla: Navigating DBpedia by Topic”	
	<i>Konstantina Bereta, Herve Caumont, Erwin Goor, Manolis Koubarakis, Despina-Athanasia Pantazi, George Stamoulis, Sam Ubels, Valentijn Venus, Firman Wahyudi</i> “From Copernicus Big Data to Big Information and Big Knowledge: A Demo from the Copernicus App Lab Project”	
04:45-07:00	Session 11: Case Study and Industry Papers 1 Area: Nizza	
	<i>Mayur Patidar, Puneet Agarwal, Lovekesh Vig, Gautam Shroff</i> “Automatic Conversational Helpdesk Solution using Seq2Seq and Slot-Filling Models”	
	<i>Cheng Cao, Zhengzhang Chen, James Caverlee, Lu-An Tang, Chen Luo, Zhichun Li</i> “Behavior-Based Community Detection: Application to Host Assessment in Enterprise Information Networks”	
	<i>Ying Lin, Zhengzhang Chen, Cheng Cao, Lu-An Tang, Kai Zhang, Wei Cheng, Zhichun Li</i> “Collaborative Alert Ranking for Anomaly Detection”	
	<i>Vachik Dave, Baichuan Zhang, Mohammad Hasan, Khalifeh Al Jadda, Mohammed Korayem</i> “A Combined Representation Learning Approach for Better Job and Skill Recommendation”	
	<i>Chen Chu, Zhao Li, Beibei Xin, Fengchao Peng, Chuanren Liu, Remo Rohs, Qiong Luo, Jingren Zhou</i> “Deep Graph Embedding for Ranking Optimization in E-commerce”	
	<i>Felix Biessmann, David Salinas, Sebastian Schelter, Philipp Schmidt, Dustin Lange</i> ““Deep” Learning for Missing Value Imputation in Tables with Non-Numerical Data”	
	<i>Sara Amini, Vahid Noroozi, Amit Pande, Satyajit Gupte, Philip S. Yu, Chris Kanich</i> “DeepAuth: A Framework for Continuous User Re-Authentication in Mobile Apps”	
	<i>Beidou Wang, Xin Guo, Martin Ester, Ziyu Guan, Bandeeep Singh, Yu Zhu, Jiajun Bu, Deng Cai</i> “Device-Aware Rule Recommendation for the Internet of Things”	
	<i>Yaochen Hu, Di Niu, Jianming Yang</i> “A Fast Linear Computational Framework for User Action Prediction in Tencent MyApp”	
	<i>Jingyuan Zhang, Xin Wang, Yue Feng, Mingming Sun, Ping Li</i> “FastInput: Improving Input Efficiency on Mobile Devices”	
	<i>Miao Fan, Wutao Lin, Yue Feng, Mingming Sun, Ping Li</i> “A Globalization-Semantic Matching Neural Network for Paraphrase Identification”	

