



27th ACM International Conference on Information and
Knowledge Management

CIKM 2018

Centro Congressi Lingotto, Turin, Italy

Program - Tuesday, 23 October 2018

10:30AM-12:10PM

Research Sessions 1A, 1B, 1C, 1D, 1E



10:30-12:10	Session 1A: Content Understanding Chair: Agma Trains Room: Auditorium	
10:30-10:55	<i>Fei Sun, Peng Jiang, Hanxiao Sun, Changhua Pei, Wenwu Ou, Xiaobo Wang</i> "Multi-Source Pointer Network for Product Title Summarization"	
10:55-11:20	<i>Hongzuo Xu, Yongjun Wang, Li Cheng, Yijie Wang, Xingkong Ma</i> "Exploring a High-Quality Outlying Feature Value Set for Noise-Resilient Outlier Detection in Categorical Data"	
11:20-11:45	<i>Haoli Bai, Zhuangbin Chen, Michael R. Lyu, Irwin King, Zenglin Xu</i> "Neural Relational Topic Models for Scientific Article Analysis"	
11:45-12:10	<i>Zhuoren Jiang, Liangcai Gao, Ke Yuan, Zheng Gao, Zhi Tang, Xiaozhong Liu</i> "Mathematics Content Understanding for Cyberlearning via Formula Evolution Map"	
10:30-12:10	Session 1B: Top-K Chair: Caetano Traina Jr Room: Londra	
10:30-10:55	<i>Theodoros Tzouramanis, Eleftherios Tiakas, Apostolos N. Papadopoulos, Yannis Manolopoulos</i> "The Range Skyline Query"	
10:55-11:20	<i>Paolo Ciaccia, Davide Martinenghi</i> "FA + TA < FSA: Flexible Score Aggregation"	
11:20-11:45	<i>Shuai Yang, Xipeng Shen</i> "FALCON: A Fast Drop-In Replacement of Citation KNN for Multiple Instance Learning"	
11:45-12:10	<i>Zhilin Zhang, Ke Wang, Chen Lin, Weipeng Lin</i> "Secure Top-K Inner Product Retrieval"	
10:30-12:10	Session 1C: Graph Learning 1 Chair: Alexander Kotov Room: Madrid	
10:30-10:55	<i>Xuan Wu, Lingxiao Zhao, Leman Akoglu</i> "A Quest for Structure: Jointly Learning the Graph Structure and Semi-Supervised Classification"	
10:55-11:20	<i>Qi Song, Bo Zong, Yinghui Wu, Lu-An Tang, Hui Zhang, Guofei Jiang, Haifeng Chen</i> "TGNet: Learning to Rank Nodes in Temporal Graphs"	
11:20-11:45	<i>Edoardo Galimberti, Alain Barrat, Francesco Bonchi, Ciro Cattuto, Francesco Gullo</i> "Mining (Maximal) Span-Cores from Temporal Networks"	
11:45-12:10	<i>Mark Heimann, Haoming Shen, Tara Safavi, Danai Koutra</i> "REGAL: Representation Learning-Based Graph Alignment"	
10:30-12:10	Session 1D: Neural Recommendation Chair: Emanuel Lacić Room: Roma	
10:30-10:55	<i>Shaoyun Shi, Min Zhang, Yiqun Liu, Shaoping Ma</i> "Attention-Based Adaptive Model to Unify Warm and Cold Starts Recommendation"	

10:55-11:20	<i>Dong-Kyu Chae, Jin-Soo Kang, Sang-Wook Kim, Jung-Tae Lee</i> "CFGAN: A Generic Collaborative Filtering Framework based on Generative Adversarial Networks"	
11:20-11:45	<i>Jin Yao Chin, Kaiqi Zhao, Shafiq Joty, Gao Cong</i> "ANR: Aspect-based Neural Recommender"	
11:45-12:10	<i>Lei Mei, Pengjie Ren, Zhumin Chen, Liqiang Nie, Jun Ma, Jian-Yun Nie</i> "An Attentive Interaction Network for Context-Aware Recommendations"	
10:30-12:10	Session 1E: Interactive Information Retrieval 1 Chair: Dorota Glowacka Room: Parigi	
10:30-10:55	<i>Felipe Moraes, Sindunuraga Rikarno Putra, Claudia Hauff</i> "Contrasting Search as a Learning Activity with Instructor-Designed Learning"	
10:55-11:20	<i>Yongfeng Zhang, Xu Chen, Qingyao Ai, Liu Yang, Bruce Croft</i> "Towards Conversational Search and Recommendation: System Ask, User Respond"	
11:20-11:45	<i>Haotian Zhang, Mustafa Abualsaud, Nimesh Ghelani, Mark D. Smucker, Gordon V. Cormack, Maura R. Grossman</i> "Effective User Interaction for High-Recall Retrieval: Less is More"	
11:45-12:10	<i>Jyun-Yu Jiang, Wei Wang</i> "RIN: Reformulation Inference Network for Context-Aware Query Suggestion"	