



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

**Centro Congressi Lingotto, Turin, Italy
Program – Wednesday, 24 October 2018
10:30AM-12:10PM**



Research Sessions 4A, 4B, 4C, 4D, 4E

10:30-12:10	Session 4A: Stream Analytics 1 Chair: Alfredo Cuzzocrea Room: Auditorium	
10:30-10:55	<i>Bryan Hooi, Leman Akoglu, Dhivya Eswaran, Amritanshu Pandey, Marko Jereminov, Larry Pileggi, Christos Faloutsos</i> “ChangeDAR: Online Localized Change Detection for Sensor Data on a Graph”	
10:55-11:20	<i>Qitian Wu, Chaoqi Yang, Hengrui Zhang, Xiaofeng Gao, Paul Weng, Guihai Chen</i> “Adversarial Training Model Unifying Feature Driven and Point Process Perspectives for Event Popularity Prediction”	
11:20-11:45	<i>Damianos Melidis, Myra Spiliopoulou, Eirini Ntoutsi</i> “Learning under Feature Drifts in Textual Streams”	
11:45-12:10	<i>Avirup Saha, Bidisha Samanta, Niloy Ganguly, Abir De</i> “CRPP: Competing Recurrent Point Process for Modeling Visibility Dynamics in Information Diffusion”	
10:30-12:10	Session 4B: Network Models Chair: Paolo Garza Room: Londra	
10:30-10:55	<i>Atsushi Miyauchi, Naonori Kakimura</i> “Finding a Dense Subgraph with Sparse Cut”	
10:55-11:20	<i>Tyler Derr, Charu Aggarwal, Jiliang Tang</i> “Signed Network Modeling Based on Structural Balance Theory”	
11:20-11:45	<i>Soumya Sarkar, Sanjukta Bhowmick, Animesh Mukherjee</i> “On Rich Clubs of Path-Based Centralities in Networks”	
11:45-12:10	<i>Yan Li, Tingjian Ge, Cindy Chen</i> “VTeller: Telling the Values Somewhere, Sometime in a Dynamic Network of Urban Systems”	
10:30-12:10	Session 4C: News Chair: De-Nian Yang Room: Madrid	
10:30-10:55	<i>Quan Yuan, Xiang Ren, Wenqi He, Chao Zhang, Xinhe Geng, Lifu Huang, Heng Ji, Chin-Yew Lin, Jiawei Han</i> “Open-Schema Event Profiling for Massive News Corpora”	
10:55-11:20	<i>Hong-Han Shuai, Yen-Chieh Lien, De-Nian Yang, Yi-Feng Lan, Wang-Chien Lee, Philip S. Yu</i> “Newsfeed Filtering and Dissemination for Behavioral Therapy on Social Network Addictions”	
11:20-11:45	<i>Antoine Dedieu, Rahul Mazumder, Zhen Zhu, Hossein Vahabi</i> “Hierarchical Modeling and Shrinkage for User Session Length Prediction in Media Streaming”	
11:45-12:10	<i>Ruqing Zhang, Jiafeng Guo, Yixing Fan, Yanyan Lan, Jun Xu, Huanhuan Cao, Xueqi Cheng</i> “Question Headline Generation for News Articles”	

10:30-12:10	Session 4D: Joint Models for Information Retrieval Chair: Tamer Elsayed Room: Roma	
10:30-10:55	<i>Junqi Zhang, Yiqun Liu, Shaoping Ma, Qi Tian</i> "Relevance Estimation with Multiple Information Sources on Search Engine Result Pages"	
10:55-11:20	<i>Shubhra Kanti Karmaker Santu, Liangda Li, Chengxiang Zhai</i> "JIM: Joint Influence Modeling for Collective Search Behavior"	
11:20-11:45	<i>Kyosuke Nishida, Itsumi Saito, Atsushi Otsuka, Hisako Asano, Junji Tomita</i> "Retrieve-and-Read: Multi-Task Learning of Information Retrieval and Reading Comprehension"	
11:45-12:10	<i>Pablo Loyola, Kugamoorthy Gajananan, Fumiko Satoh</i> "Bug Localization by Learning to Rank and Represent Bug Inducing Changes"	
10:30-12:10	Session 4E: Recommendation 1 Chair: Dominik Kowald Room: Parigi	
10:30-10:55	<i>Guangneng Hu, Yu Zhang, Qiang Yang</i> "CoNet: Collaborative Cross Networks for Cross-Domain Recommendation"	
10:55-11:20	<i>Libing Wu, Cong Quan, Chenliang Li, Donghong Ji</i> "PARL: Let Strangers Speak Out What You Like"	
11:20-11:45	<i>Thanh Tran, Kyumin Lee, Yiming Liao, Dongwon Lee</i> "Regularizing Matrix Factorization with User and Item Embeddings for Recommendation"	
11:45-12:10	<i>Chen Ma, Yingxue Zhang, Qinglong Wang, Xue Liu</i> "Point-Of-Interest Recommendation: Exploiting Self-Attentive Autoencoders with Neighbor-Aware Influence"	