

## Proceedings of the 27th ACM International Conference on Information and Knowledge Management

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2018 Pro



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### Publication of:

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It is our great pleasure to welcome you to the 27th ACM International Conference on Information and Knowledge Management during October 22-26, 2018 in Turin, Italy. The CIKM 2018 theme is "From Big Data and Big Information to Big Knowledge: the emerging research trend on big data. Indeed, strategically positioned at the intersection of research on the management of information, and data, CIKM is uniquely situated to highlight technologies and insights that truly materialize the Big Knowledge vision of the future. This year's CIKM continues its tradition of being the premier forum for presenting reports on leading edge issues of knowledge management, information retrieval, and databases. Along this line, CIKM offers practitioners a unique opportunity to share their perspectives with others interested in the various aspects of the field. The call for papers attracted submissions from all over the world. Statistics deriving from the program committee show that, like in its tradition, CIKM 2018 comprises the following three keynote speakers, whose valuable and insightful talk will provide a deep understanding of the future:

Shifting Information Interactions, Maarten de Rijke (University of Amsterdam, Netherlands);

Teaching Artificial Agents to Understand Language by Modelling Reward, Edward Grefenstette (DeepMind and University of Cambridge);

Alexa and her Shopping Journey, Yoelle Maarek (Amazon, Israel).

The complete program is organized in 5 parallel sessions, where full research papers, short research papers, demo papers are presented. The program also includes 8 tutorials on timely research topics and 9 co-located workshops ranging from data and text mining in biomedical informatics to entity retrieval and knowledge-driven analytics, and so on. Like in the past edition, CIKM 2018 hosts CIKM AnalytiCup, an innovative event where research teams from all over the world solve real-life analytical problems posed by our corporate sponsors, Alibaba. The finalists for the challenge competition participate in a showdown in front of corporate judges who elect the final winner.

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