

# Call for papers

Submission website: [EasyChair](#)

Commented [YL1]: This link seems to be WSDM 2017.

## Deadlines

- Abstract submission deadline is August 4, 2017
- Final paper submissions are due August 11, 2017.

WSDM (pronounced “wisdom”) is one of the premier conferences on web inspired research involving search and data mining. The 11th ACM International WSDM Conference will take place in Los Angeles, CA during Feb. 5-9, 2018.

WSDM is a highly selective, single track meeting that includes invited talks as well as refereed full papers. WSDM publishes original, high-quality papers related to search and data mining on the Web and the Social Web, with an emphasis on practical yet principled novel models of search and data mining, algorithm design and analysis, economic implications, and in-depth experimental analysis of accuracy and performance.

Papers emphasizing novel algorithmic approaches are particularly encouraged. Application-oriented papers that make innovative technical contributions to research are welcome. Visionary papers on new and emerging topics are also welcome.

Topics covered include but are not limited to:

## Web Search

- Adversarial search
- Algorithms and systems for Web-scale search

- Audio and touch interfaces to search
- Distributed search, metasearch, peer-to-peer search
- Indexing web content
- Local search
- Mobile search
- Multimedia Web search
- Query analysis and query processing
- Retrieval and ranking
- Search benchmarking and evaluation
- Search user behavior and log analysis
- Search user interfaces and interaction
- Searching social and real-time content
- Semantic search, faceted search, and knowledge graphs
- Sponsored search
- Task-driven search
- Vertical portals and search
- Voice search, conversational search, and dialog in search
- Web crawling
- Zero-query and implicit search

## Web Mining

- Algorithms and systems for Web-scale mining
- Bridging unstructured and structured data
- Clustering, classification, and summarization of Web data
- Data, entity, event, and relationship extraction
- Data integration and data cleaning
- Discovery-driven Web and social network mining
- Geo and location data analysis
- Knowledge acquisition and automatic construction of knowledge bases
- Large-scale graph analysis
- Modeling trustworthiness and reliability of online information
- Multimodal data mining
- NLP for Web mining
- Online and streaming algorithms
- Opinion mining and sentiment analysis
- Web traffic and log analysis
- Web measurements, web evolution and web models
- Web recommender systems and algorithms
- Mobile Mining

## Social Search, Mining and Applications

- Collaborative search and question answering
- Dynamics of social networks
- Human computation and crowdsourcing
- Influence spreading and viral marketing in social networks
- Instant messaging and social networks
- Link prediction and community detection
- Location-based social networks
- Mining crowd-generated data
- Sampling, experiments, and evaluation in social networks
- Searching social media and collaboratively generated content
- Social media analysis: blogs and friendship networks
- Social network analysis, theories, models, and applications
- Social reputation, influence, and trust
- Tags, users, and search
- User activity modeling and exploitation
- User profiling

Finally, this year we also encourage submissions in the following areas:

- Machine learning and deep networks for web search and data mining
- Personal assistants, dialogue models and conversational interaction
- Web search and data mining under privacy constraints

Authors are explicitly discouraged from submitting papers that do not clearly present their contribution with respect to previous works, that contain only incremental results, and that do not provide significant advances over existing approaches.

## Originality of Submissions

Submissions must represent new and original work. Concurrent submissions are not allowed. Papers that have been published in or accepted to any peer-reviewed journal or conference/workshop with published proceedings, are currently under review, or will be submitted to other meetings or publications while under review for **WSDM 2017** may not be submitted to **WSDM 2017**. We allow submissions that have been previously presented as posters, or in venues with no formal proceedings, but this must be

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indicated on the first page of the submission. Additionally, the ACM has a [strict policy against plagiarism and self-plagiarism](#). All prior work must be appropriately cited.

## Submission Process

Papers must be submitted in PDF format according to [ACM guidelines](#) and style files to fit within 8 pages including any diagrams and appendices, plus up to 1 additional page of references. PDF files must have all non-standard fonts embedded. Submissions must be self-contained and in English. After uploading your submission, please check the copy stored on the site. Submissions that do not follow these guidelines, or do not view or print properly, may be rejected without review.

PDF files submitted to WSDM 2018 must be double-blind: the submitted document should not include author information and should not include citations or discussion of related work that would make the authorship apparent. Note however, that it is acceptable to explicitly refer in the paper to the companies or organizations that provided datasets, hosted experiments or deployed solutions. In other words, instead of stating for instance that an experiment “*was conducted on the logs of a major search engine*”, the authors should refer to the search engine by name. The reviewers will be informed that it does not necessarily imply that the authors are currently affiliated with the mentioned organization. To support identification of reviewers with conflicts of interest, the full author list must be specified at submission time. In exceptional cases, the author list may be modified later with permission of the PC Chairs.

## Review Process

Each paper will be reviewed by at least three PC members and a senior PC member. The acceptance decisions will take into account paper novelty, technical depth, elegance, practical or theoretic impact, and presentation. As an experiment this year, WSDM 2017 will use a combination of single-blind reviewing and double-blind reviewing.

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Please contact the PC chairs at the address below for any questions on the submission or review process.

## Reproducibility

The algorithms, resources and methods used within a paper should be described as completely as possible. Authors may reference supplementary material, including detailed descriptions, test datasets or code. However, this information is not part of the submission proper, and will be read only at the discretion of the reviewers. Wherever appropriate, the authors are encouraged to use publicly available test collections and state-of-the-art baselines. Please consider sharing your intermediate/final experimental results and code with the research community.

## Publication and Presentation

All accepted papers will be published in the ACM Digital Library. For every paper there must be a registered author to present it in person [at WSDM 2017](#). At the conference, each paper will be allocated a slot at the interactive poster session to encourage discussion. Additionally, selected papers will be presented during the plenary oral sessions as either long or short talks.

**AUTHORS TAKE NOTE:** The official publication date is the date the proceedings are made available in the ACM Digital Library. This date may be up to two weeks prior to the first day of your conference. The official publication date may affect the deadline for any patent filings related to published work.

## Important Dates

- **Paper abstracts due: August 4, 2017**
- Papers due: August 11, 2017
- Paper notifications: October 23, 2017
- Conference: February 5-9, 2018

All deadlines are 11:59pm, anywhere in the world ([Alofi time](#)).

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