Call for Papers
The 9th Asian Conference on Machine Learning
November 15 - 17, 2017, Yonsei University, Seoul, Korea
www.acml-conf.org/2017

The 9th Asian Conference on Machine Learning (ACML 2017) will take place on November 15 - 17, 2017 at Baekyang Hall of Yonsei University campus, Seoul, Korea. We invite professionals and researchers to discuss research results and ideas in machine learning. We seek original and novel research papers resulting from theory and experiment of machine learning. The conference also solicits proposals focusing on disruptive ideas and paradigms within the scope. We encourage submissions from all parts of the world, not only confined to the Asia-Pacific region.

Conference Scope

Topics of interest include but are not limited to:

Learning problems
Active learning
Bayesian machine learning
Deep learning, latent variable models
Dimensionality reduction
Feature selection
Graphical models
Learning for big data
Learning in graphs
Multiple instance learning
Multi-objective learning
Multi-task learning
Semi-supervised learning
Sparse learning
Structured output learning
Supervised learning
Online learning
Transfer learning
Unsupervised learning

Analysis of learning systems
Computational learning theory
Experimental evaluation
Knowledge refinement
Reproducible research
Statistical learning theory

Applications
Bioinformatics
Biomedical information
Collaborative filtering
Healthcare
Computer vision
Human activity recognition
Information retrieval
Natural language processing
Social networks
Web search

Learning in knowledge-intensive systems
Knowledge refinement and theory revision
Multi-strategy learning
Other systems

Publications

We are running two publication tracks following the last year's practice: authors may submit either to the conference track, for which the proceedings will be published as a volume of Journal of Machine Learning Research: Workshop and Conference Proceedings (JMLR W&CP) series, or to the journal track for which accepted papers will appear in a special issue of the Machine Learning Journal. Please note that submission arrangements for the two tracks are different.

• Conference Track

Please be aware that ACML runs two submission rounds to the conference track: The first round can result in an Accept, Reject or Conditional Acceptance (i.e. subject to changes made by the second round) decision. There is no author rebuttal phase in this round. The second round has the more usual Accept or Reject outcomes and does include an author rebuttal phase.

Manuscripts must be written in English, be a maximum of 16 pages (including references, appendices etc.) and follow the JMLR W&CP style. If required supplementary material may be submitted as a separate file, but reviewers are not obligated to consider this, and your manuscript should therefore stand on its own merits without any supplementary material. Submissions must have all detail identifying the author(s) removed from the original manuscript.

Papers will be published in a dedicated volume of the JMLR Workshop & Conference Proceedings.

• Journal Track

In addition to the Conference Track, the Asian Conference on Machine Learning will be running a Journal Track. In order to ensure an efficient reviewing process, we encourage submissions of papers up to 20 pages. However papers accepted to the journal track must still be presented at the conference in order to be published. Therefore it must be possible to describe at least the major parts of your submission in a talk of around 20 minutes duration. The journal track will follow the reviewing process of the Machine Learning journal. This includes allowing papers that require minor changes to be resubmitted after a first round review. The Journal Track committee will aim to complete the reviewing process in time for this year's conference. In the unlikely event that the reviewing process for a paper could not be completed in time (for this year's conference), the paper will not be considered for the conference and the review will be completed with the paper considered as a regular submission to the Machine Learning journal.

Call for Workshops and Tutorials

Workshops and tutorials will be held on Wednesday, November 15. The workshops will provide an excellent opportunity to address a specific machine learning related topic. We are looking for half-day or full-day workshop and tutorial proposals. For proposal format and submission, refer to the website.

Important Dates

· **March 31, 2017**
Journal Track Submission Deadline
· **May 10, 2017**
Workshop and Tutorial Proposals
· **May 10, 2017**
Early Submission Deadline
· **June 20, 2017**
Early Notification Date
· **August 5, 2017**
Final Submission Deadline
· **September 15, 2017**
Final Notification Date
· **October 2, 2017**
Final Manuscript Deadline

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