

Extreme Multilabel Classification for Social Media Chairs' Welcome

It is our great pleasure to welcome you to the *WWW 2018 Workshop on Extreme Multilabel Classification (XMLC) for Social Media*, a full-day workshop that will be held on April 23, 2018.

Extreme Multilabel Classification (XMLC) is a very active and rapidly growing research area that deals with the problem of labeling an item with a small set of tags out of an extremely large number of potential tags. Applications include content understanding, document tagging, image tagging, biological sequence tagging, recommendation, etc. While the difficulty and the potential applications of XMLC are well understood in the core machine learning community, to the best of our knowledge, XMLC has not made inroads in the field of Information Retrieval (IR) and related areas. The aim of this workshop is to bring researchers from academia and industry in order to further advance this very exciting field and come up with potential applications of XMLC in new areas.

We are delighted to have four invited talks given by outstanding researchers working in the area of extreme multi-label classification:

- **Manik Varma:** Extreme Classification: Tagging on Wikipedia, Recommendation on Amazon & Advertising on Bing
- **Anshumali Shrivastava:** Training 100,000 classes on a Single Titan X in 7 hours or 15 minutes with 25 Titan Xs
- **Mouhamadou Moustapha Cisse:** Deep Extreme Classification: From head to tail
- **Marius Kloft:** Distributed Training of All-in-one Multi-class SVMs

Besides the invited talks, the workshop includes two contributed talks that have been accepted for the ACM companion proceedings and several “non-proceedings” talks that have been accepted for presentation based on submitted extended abstracts. The talks cover a broad range of topics including XMLC applications in recommendation systems and ranking, fast learning and classification algorithms, and theory of XMLC.

The workshop will also include vital discussions on different aspects of XMLC. Given that we are soliciting new application areas for XMLC, we expect and welcome researchers from a variety of backgrounds: core ML, IR, recommendations, learning to rank, applications of XMLC in social media, document tagging, video and image annotation, speech processing, and related areas.

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Extreme Multilabel Classification for Social Media Organization

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