

Int'l Workshop on Web-scale Vision and Social Media



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KEYNOTE SPEAKERS

Lubomir Bourdev - Facebook Inc., US
 Shih-Fu Chang - Columbia University, US
 Fei-Fei Li - Stanford University, US

Call for papers

The world-wide-web has become a large ecosystem that reaches billions of users through information processing and sharing, and most of this information resides in pixels. Web-based services like YouTube and Flickr, and social networks such as Facebook have become more and more popular, allowing people to easily upload, share and annotate massive amounts of images and videos all over the web. Although the so-called web 2.0 is an amazing source of information, in order to interpret the tremendous amount of visual content, online social platforms usually rely on user tags, which are known to be ambiguous, overly personalized, and limited. Hence, to effectively exploit social media at the web-scale, it is critical to design novel methods and algorithms that are able to jointly represent the visual aspect and (noisy) user annotations of multimedia data. Vision and social media thus has recently become a very active inter-disciplinary research area, involving computer vision, multimedia, machine-learning, information retrieval, and data mining.

This workshop aims to bring together leading researchers in the related fields to advocate and promote new research directions for problems involving vision and social media, such as large-scale visual content analysis, search and mining. The workshop will provide an interactive platform for researchers to disseminate their most recent research results, discuss potential new directions and challenges towards vision and social media, and promote new collaborations among researchers. Topics of interest include (but are not limited to):

- Content analysis for vision and social media
- Efficient learning and mining algorithms for scalable vision and social media analysis
- Understanding social media content and dynamics
- Contextual models for vision and social media
- Machine learning and data mining for social media
- Indexing and retrieval for large-scale social media information
- Machine tagging, semantic annotation, and object recognition on massive multimedia collections
- Scalable/distributed machine learning and data mining methods for vision
- Interfaces for exploring, browsing and visualizing large visual collections
- Construction and evaluation of large-scale visual collections
- Crowdsourcing for vision problems
- Scene reconstruction and matching using large scale web images

Important Dates:

- Submission deadline: **July 8, 2012**
- Notification of acceptance: **August 1, 2012**
- Camera ready submission: **August 8, 2012**