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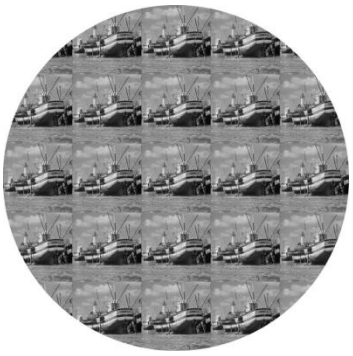

Large Scale Multimedia Search

January 9-13, 2012

ORGANIZING COMMITTEE: **Juan Bello** (New York University), **Samy Bengio** (Google Inc.), **Ronald Coifman** (Yale University), **Kristen Grauman** (University of Texas at Austin), **Yosi Keller** (Bar-Ilan University),**Yann LeCun** (New York University), **Cordelia Schmid** (INRIA)

Scientific Overview

The proliferation of digital multimedia data has fundamentally changed the way images, video, audio and three-dimensional data are stored and used. The huge and ever growing volume of data in online repositories such as YouTube and Flickr requires novel approaches to content based multimedia search and retrieval. The goal of this workshop is to bring together an interdisciplinary community from mathematics, computer vision, computer audition, engineering and machine learning to present and discuss the different facets of this problem. We will discuss both domain specific issues and broader topics in machine learning and large-scale computational schemes, such as metric learning, 'learning to rank' and nearest neighbors search in high dimensions.

Confirmed Speakers

Juan Bello (NYU), **Samy Bengio** (Google), **Jonathan Berger**(Stanford Univ), **Alex Bronstein** (Tel Aviv Univ), **Michael Bronstein** (Univ della Svizzera Italiana), **Shih-Fu Chang** (Columbia Univ), **Trista Chen** (Sony Gracenote), **Laurent Daudet** (Univ Paris Diderot - Paris 7), **Rob Fergus** (NYU), **Kristen Grauman** (Univ Texas, Austin), **Yosi Keller** (Bar-Illan Univ), **Hamid Krim** (N. Carolina St Univ), **Brian Kulis** (UC Berkeley), **Sanjiv Kumar** (Google), **Gert Lanckriet** (UCSD), **Svetlana Lazebnik** (UNC Chapel Hill), **Yann LeCunn** (NYU), **Fei Fei Li** (Stanford Univ), **Stephane Mallat** (Ecole Polytechnique), **Karthik Ramani** (Purdue Univ), **Malcolm Slaney** (Yahoo! Research), **Naoki Saito** (UC Davis), **Cordelia Schmid** (INRIA), **Thorsten Joachims** (Cornell Univ), **Manik Varma** (Microsoft Research), **Jay Yagnik** (Google)

Participation

Additional information about this workshop, including links to register and to apply for funding, can be found on the webpage listed below. Encouraging the careers of women and minority mathematicians and scientists is an important component of IPAM's mission, and we welcome their applications.

www.ipam.ucla.edu/programs/ms2012

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