

Call For Papers

2nd International Workshop on Machine Learning in Medical Imaging (MLMI 2011)

In conjunction with MICCAI 2011, September 18, 2011, Toronto, Canada

Welcome to visit <http://miccai-mlmi.uchicago.edu/>

Introduction

Machine Learning in Medical Imaging (MLMI) 2011 is the second in a series of workshops on this topic, being held with MICCAI 2011 in Toronto, Canada. This workshop focuses on major trends and challenges in this area, and it presents work aimed to identify new cutting-edge techniques and their use in medical imaging. Our goal is to help advance the scientific research within the broad field of machine learning in medical imaging. The technical program will consist of previously unpublished and contributed papers, with substantial time allocated to discussion. We are looking for original, high-quality submissions on innovative research and development in the analysis of medical image data using machine learning techniques.

Key Dates

- Paper Submission: **June 13, 2011**
- Notification of Acceptance: **July 11, 2011**
- Camera-ready Version: **July 18, 2011**
- Workshop: **Sept. 18, 2011**

Paper Submission

- Papers are limited to eight pages. Papers should be formatted in Springer LNCS style
- MLMI reviewing is double blind

Highlights

- Proceedings will be published in **Springer Lecture Notes in Computer Science** (LNCS) (EI, ISTP indexed)
- The **MLMI 2011 Best Paper Award** will be presented to the best overall scientific paper
- Accepted papers will be invited to submit to a special issue of a peer-reviewed journal, **Machine Vision and Applications** (published by Springer, sponsored by IAPR)

Topics of interests

- Machine learning applications to medical images with 2D/3D/4D data
- Medical image analysis of anatomical structures and lesions
- Computer-aided detection/diagnosis
- Multi-modality fusion for diagnosis, image analysis and image guided interventions
- Image retrieval
- Cellular image analysis
- Molecular/pathologic image analysis
- Dynamic, functional, physiologic, and anatomic imaging

Organizers

- Kenji Suzuki (University of Chicago)
- Fei Wang (IBM Almaden Research Center)
- Dinggang Shen (UNC-Chapel Hill)
- Pingkun Yan (Chinese Academy of Sciences)

