

Call For Papers

5th International Workshop on Machine Learning in Medical Imaging (MLMI 2014)

In conjunction with MICCAI 2014, September 14, 2014, Boston, US

Welcome to visit <http://mlmi2014.web.unc.edu/>

Introduction

Machine Learning in Medical Imaging (MLMI) 2014 is the fifth in a series of workshops on this topic, being held with MICCAI 2014 in Boston, US. 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 The technical program will consist of previously unpublished, contributed papers, with substantial time allocated to discussion.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.

Topics of interests

Machine learning methods with their applications to

- Image analysis of anatomical structures and lesions
- Computer-aided detection/diagnosis
- Multi-modality fusion for diagnosis, image analysis and image guided interventions
- Image reconstruction
- Image retrieval
- Cellular image analysis
- Molecular/pathologic image analysis
- Dynamic, functional, and physiologic imaging

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 2014 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.

Key Dates

- Paper Submission: **June 2, 2014**
- Notification of Acceptance: **June 26, 2014**
- Camera-ready Version: **July 7, 2014**
- Workshop: **September 14, 2014**

Organization

- **Workshop organizers:**
 - Guorong Wu
University of North Carolina at Chapel Hill
 - Daoqiang Zhang
Nanjing University of Aeronautics and Astronautics
 - Luping Zhou
University of Wollongang
- **Steering Committee**
 - Dinggang Shen
 - Pingkun Yan
 - Kenji Suzuki
 - Fei Wang

