Call For Papers
6th International Workshop on Machine Learning in Medical Imaging
(MLMI 2015)
In conjunction with MICCAI 2015, October 5, 2015, Munich, Germany
Welcome to visit http://mlmi2015.web.unc.edu/

Introduction

Machine Learning in Medical Imaging (MLMI) 2015 is the sixth in a series of workshops on this topic, being held with MICCAI 2015 in Munich, Germany. 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 The technical program will consist of previously unpublished, contributed papers, with substantial time allocated to discussion.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 (e.g., kernel methods, statistical methods, manifold-space-based methods, deep learning, extreme learning machines) 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
- Medical image reconstruction
- Medical 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 2015 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.
- Invited Keynote Speaker: Prof. Heng Huang
  http://mlmi2015.web.unc.edu/keynote-speaker/

Key Dates

- Paper Submission: June 8, 2015
- Notification of Acceptance: July 10, 2015
- Camera-ready Version: July 24, 2015
- Workshop: October 5, 2015

Organization

- **Workshop Organizers:**
  - Luping Zhou
    University of Wollongang, Australia
  - Li Wang
    University of North Carolina at Chapel Hill, USA
  - Qian Wang
    Shanghai Jiao Tong University, China
  - Yinghuan Shi
    Nanjing University, China

- **Steering Committee**
  - Dinggang Shen
  - Pingkun Yan
  - Kenji Suzuki
  - Fei Wang