Call For Papers
7th International Workshop on Machine Learning in Medical Imaging
(MLMI 2016)
In conjunction with MICCAI 2016, October 17, 2016, Athens, Greece
http://mlmi2016.web.unc.edu/

Introduction
Machine Learning in Medical Imaging (MLMI) 2016 is the seventh in a series of workshops on this topic, being held as a full-day meeting at MICCAI 2016 in Athens, Greece. 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 advance the scientific researches 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 The technical program will consist of previously unpublished, contributed papers, with substantial time allocated to discussion.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 researches and developments in the analysis of medical image 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, etc) with their applications to (but not limited)

- 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
- MLMI Proceedings will be published by Springer-Verlag in the Lecture Notes in Computer Science (LNCS) (EI, ISTP indexed).
- The MLMI 2016 Best Paper Award will be presented to the best overall scientific paper.
- NVIDIA will sponsor a GPU to the winner of the Best Paper Award.
- Authors of accepted papers will be invited to submit an extended version of the paper to a special issue of a top-rated journal, like all previous years.

Key Dates
- Paper Submission: June 24, 2016
- Notification of Acceptance: July 18, 2016
- Camera-ready Version: July 29, 2016
- Workshop: October 17, 2016

Organization
- Workshop Organizers:
  - Li Wang, University of North Carolina at Chapel Hill, USA
  - Ehsan Adeli, University of North Carolina at Chapel Hill, USA
  - Qian Wang, Shanghai Jiao Tong University, China
  - Yinghuan Shi, Nanjing University, China
  - Heung-Il Suk, Korea University, Korea
- Steering Committee:
  - Dinggang Shen
  - Pingkun Yan
  - Kenji Suzuki
  - Fei Wang