

The 1st International Workshop of Machine Learning on Multimedia and Applications (MLMA 2018)

In conjunction with

The 11th IEEE International Conference on Ubi-Media Computing (Ubi-Media 2018)
Nanjing, China, August 22 – August 25, 2018

<http://2018.umediaconf.com/MLMA2018>

Theme of the Workshop

Recently, machine learning is affecting the lives of people from moment to moment. This techniques have been proven and widely used in several domains. Multimedia has emerged as one key area for the application of machine learning techniques, which involves special considerations the data is typically of very high dimension. Due to the widespread practicability, there are several important aspects to apply various machine learning on multimedia, such as over-fitting/under-fitting, regularization, interpretability, supervised/unsupervised methods, and handling of missing data. The 1st International Workshop on Machine Learning on Multimedia Applications (MLMA 2018) will serve as a forum for researchers and technologists to discuss the state-of-the-art, exchange their experiences, present their contributions and original ideas including learning models and applications, and set future directions in in all aspects of machine learning and technologies on multimedia.

Organization Committee

Program Chairs

Yan Liu, Hong Kong Polytechnic University, Hong Kong
Yi-Cheng Chen, National Central University, Taiwan
Min-Chun Hu, National Cheng Kung University, Taiwan
Lin Hui, Tamkang University, Taiwan
Sheng-Chih Chen, National ChengChi University, Taiwan

Web Chairs

Chalothon Chootong, Kasetsart University, Thailand
Worapot Sommoool, Kalasin University, Thailand
Tipajin Thaipisitukul, National Central University, Taiwan

Workshop Scope

The topics of interest related to this workshop include, but are not limited to:

- Learning algorithm on multimedia
 - Unsupervised learning
 - Supervised learning
- Dimensionality reduction
 - Principal Component Analysis
 - Independent Component Analysis
 - Self-Organizing Maps
 - Multi-Dimensional Scaling
- Deep learning technology
 - Model optimization
 - Learning rate tuning
- Data processing

- Data Collection
- Data Cleaning
- Big data

- Problem on implementation
- Applications
 - Social Network, Recommendation System
 - Mobility, Sensor Network
 - Bioinformatics
 - E-Commerce

Important Dates

- **Paper Submission Due: April 10, 2018**
- Notification of Acceptance: April 30, 2018
- Camera-Ready Copies Due: May 15, 2018
- Early Registration Due: June 1, 2018
- Workshop Date: One day during August 22-25, 2018

Paper Submission

- Papers submitted must be formatted in PDF files, IEEE Computer Society Press Format, NOT longer than 6 pages
- Workshop proceedings will be included and indexed in the IEEE Digital Libraries (EI)
- Submission & Format information:
<http://2018.umediaconf.com>

Workshop Contact Person

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