

Machine Learning for Image and Video Understanding

Organizers:

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Abstract:

Image and video understanding is an important task in artificial intelligence. There has been significant progress in recent years thanks to great success in machine learning tools and computational resources as well as the availability of large amount of image and video data. Not only is its performance greatly improved, but also its application fields significantly widened. However, image and video understanding still faces many challenges in solving real-world problems, such as human action recognition, object detection, face recognition, person re-identification, image and video captioning and visual question answering.

The goal of this special session is to bring together researcher working on image and video understanding to exchange their work and discuss how to improve the performance. The list of possible topics includes, but not limited to:

- Image and video classification
- Human action recognition
- Spatial-temporal action localization
- Multimedia event detection
- Visual object detection and tracking
- Image and video captioning
- Visual question answering
- Multimodal learning

Important Dates

Paper Submission deadline: July 10, 2021

Paper Submission

- Authors should prepare their manuscript according to the Guide for Authors of MLSP 2021, available at <https://2021.ieeemlsp.org/paper-submission/>
- Please make sure to choose the appropriate special session (**MLSP2021-MLIVU**)