

## Special Issue

# Multi-Modal Deep Learning and Its Applications

### Message from the Guest Editors

The 6th Asian Conference on Artificial Intelligence Technology will be held in Changzhou, China. The ACAIT-2022 conference invites the submission of substantial, original, and unpublished research papers regarding Artificial Intelligence (AI) applications in image analysis, video analysis, medical image processing, intelligent vehicles, natural language processing, and other AI-enabled applications. Papers for this Special Issue, entitled “Multi-modal Deep Learning and its Applications”, will be focused on (but not limited to):

- Deep learning for cross-modality data (e.g., video captioning, cross-modal retrieval, and video generation);
- Deep learning for video processing;
- Multi-modal representation learning;
- Unified multi-modal pre-training;
- Multi-modal metric learning;
- Multi-modal medical imaging;
- Unsupervised/self-supervised approaches in modality alignment;
- Model-agnostic approaches in modality fusion;
- Co-training, transfer learning, and zero-shot learning;
- Industrial visual inspection.

We look forward to receiving your contributions.

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### Guest Editors

Dr. Min Yang

Dr. Hao Liu

Prof. Dr. Shanxiong Chen

Dr. Yinong Chen

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### Deadline for manuscript submissions

closed (20 November 2023)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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