



Advances and Challenges in Multimodal Machine Learning 2nd Edition

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editor

Dear Colleagues,

The emerging field of multimodal machine learning has experienced much progress in the past few years; however, several core challenges remain. These challenges are mainly around learning how to represent and summarise multimodal data (representation); translating (mapping) data from one modality to another (translation); identifying direct relations between elements from different modalities (alignment); joining or fusing information from two or more modalities to perform a prediction task (fusion); and transferring knowledge between modalities, their representations, and predictive models (co-learning).

We request contributions that present techniques that will contribute to addressing the multimodal machine learning challenges, and we strongly encourage contributions that propose advances in the field of continual lifelong learning for multimodal machine learning applications.





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Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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