Special Issue

AI-Based Multimedia Information Processing

Message from the Guest Editor

AI in multimedia computing is a powerful tool for producing high-level abstractions of complex multimedia data used in various tasks such as multimodal data analysis, speech-to-text, media retrieval, face detection, and recognition. AI in mobile multimedia improves device capability, with open-source codes and parallel processing architectures. In this Special Issue, we are particularly focused on the state-of-the-art research related to the model design and implementation of multimedia information processing. Some specific topics include, but are not limited to, the following:

- AI-based multimedia communications and networking;
- AI-based image/video processing;
- AI-based speech/music/audio processing;
- Machine learning/deep learning for multimedia;
- Advanced AI frameworks for AR/VR mobile applications;
- Multimedia big data analytics;
- Multimedia systems for emerging applications.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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