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Multimodal Data Processing and Semantic Analysis

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Message from the Guest Editor

This Special Issue “Multimodal Data Processing and Semantic Interpretation” aims at covering all aspects of semantic analysis in digital content, i.e., text, audio, image, and video, such as semantic annotation and processing, multimodal data stream monitoring, audiovisual metadata extraction and management, data summarization, highlighting, and visualization. Multidisciplinary efforts in the field are welcomed, combining natural language processing with machine and deep learning architectures for deploying content classification, intelligent multimodal searching and retrieval, and generally smart services for big data applications. The contributions could include fully implemented systems and their thorough evaluation, concepts for design frameworks, established multimedia system integrations, user studies, as well as work in progress in this scientific field. The main goal of the journal is to publish innovative ideas in this scientific area providing state-of-the-art academic research activities along with multimodal industry implementations.



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Special Issue