Digital Signal, Image and Video Processing for Emerging Multimedia Technology, Volume II

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Message from the Guest Editor

Recent developments in image/video-based deep learning technology have enabled new services in the field of multimedia and recognition technology. The recent realistic media services, mixed reality, augmented reality and virtual reality media services also require very high-definition media creation, personalization, and transmission technologies, and this demand continues to grow.

This Special Issue invites topics broadly across the advanced signal, image and video processing algorithms and technologies for emerging multimedia services, some specific topics include, but are not limited to:

- Signal/image/video processing algorithm for advanced machine learning
- Fast and complexity-reducing mechanisms to support real-time systems
- Protecting technologies for privacy/personalized information
- Advanced circuit and system design and implementation for emerging multimedia services
- Image/video-based recognition algorithms using deep neural networks
- Novel applications for emerging multimedia services
- Efficient media sharing schemes in distributed environments

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Special Issue

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Message from the Editor-in-Chief

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