Special Issue for
APSIPA Transactions on Signal and Information Processing
Topic of the special issue:

High-Performance Image and Video Processing and Applications

Brief description:

Image and video processing plays an important role as the basic process for information and knowledge processing. Studies in the level of information and knowledge depend upon many tools and modules based on image and video processing. Although studies in information and knowledge processing have been undertaken actively, image and video processing should be improved and developed in terms of performance in order to enhance the quality of information and knowledge processing systems. This special issue collects some studies on high-performance image and video processing and their applications in pixel and frame levels.

- Current and emerging high-performance image and video processing and applications
- Data-driven image and video analysis for cross-over applications
- Performance improvement of image and video processing via artificial intelligence
- Deep-learning technology for image and video analysis
- Validation, verification, and performance assessment methodologies of image and video processing
- Image and video processing for medicine, aesthetics, psychology, humanities, and theology and arts.

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