International Journal of Computational Vision and Robotics

NAMSP2021: Special Issue on: "Intelligent Processing and Analysis of Multidimensional Signals and Images (IPAMSI)"

Guest Editors:
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The objectives of this special issue are to give the authors of excellent papers in the area of multidimensional signal and image processing the opportunity to present their fundamental research work in detail and to make it accessible for the wide scientific community.

The Guest Editors will be inviting substantially extended versions of selected papers presented at the 2nd International Workshop on New Approaches for Multidimensional Signal Processing (NAMSP2021) for review and potential publication, but are also inviting other experts to submit articles for this call.

Subject Coverage
Suitable topics include, but are not limited, to the following:

- N-dimensional (N-D) multicomponent image processing
- Adaptive N-D filtration in intelligent image systems
- Multidimensional image representation and super-resolution
- Compression of multidimensional spatio-temporal images
- Multidimensional image transmission systems
- Three-dimensional (3D) image processing and reconstruction
- Multidimensional (MD) computer vision systems
- surveillance systems, based on intelligent MD image processing
- Multidimensional multimedia systems
- Reasoning-based intelligent systems for MD image processing
- Intelligent analysis of MD medical images
- Learning-based MD image processing and expert systems
- Neural networks for MD image processing
- MD image preprocessing for pattern recognition
- Generic and fuzzy systems for md image processing, analysis and recognition
- Data-based MD image retrieval and knowledge data mining

Notes for Prospective Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. (N.B. Conference papers may only be submitted if the paper has been completely re-written and if appropriate written permissions have been obtained from any copyright holders of the original paper).

All papers are refereed through a peer review process.

All papers *must* be submitted online. To submit a paper, please read our Submitting articles page.

Important Dates

Manuscripts due by: *15 September, 2021*

Notification to authors: *15 October, 2021*

Final versions due by: *20 December, 2021*