

Special issue details

Special issue topic: “Advances in Multimodal/multivariate Image processing and analysis”

Call for papers:

Imaging systems and their related processing and analysis tools are becoming widespread and turn to be essential tools in various fields. These systems exploit a variety of physical phenomena at different scales and generate local measures or maps in the form of images. Each of these measures/images reflects a particular aspect of the acquired object. However, in order to properly characterize complex objects such as natural objects that have a multidimensional (physical/biological and / or perceptual) nature, it is necessary to combine multi-source acquisitions also called multimodal. This is indeed a trend currently of integrating various imaging modalities in the same system or at least combining data from different modalities for the same object. As a result, multimodal acquisitions generate heterogeneous and multivariate data that need adaptation of the conventional tools of representation, processing and analysis to be exploitable for different applications.

The purpose of this special issue is select the best papers of ICISP 2018 on this specific topic to timely address the challenges in multimodal/multivariate image representation, processing and analysis for solving challenging applications.

Proposed calendar:

- Deadline for submission: October 28, 2018
- First Round of Reviews/Decisions: January 27, 2019
- Resubmission of Revised Papers (if needed): March 31, 2019
- Final Decisions to the authors: May 31, 2019

Guest editors:

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