Special Session on "Video and Image Processing (VIP)"

Scope

Artificial neural networks are proved to be successful in performing several cognitive, industrial and scientific tasks. This special session is aimed to cover a wide range of works and projects on video and image processing using neural networks or other bio-inspired models. We hope that this session can provide a common forum to exchange ideas and the latest discovery in the area.

This tentative special session is planned to be organized within the International Work-Conference on Artificial Neural Networks (IWANN 2015), which will be held in Palma de Mallorca (SPAIN).

Topics

- Learning algorithms and theory
- Vision processing
- Image Segmentation
- Tracking of objects
- Pattern recognition
- Hardware implementations

- Machine vision
- Image characterization
- Feature extraction
- Computer vision
- Image compression
- Image understanding

Submission

Original manuscripts should not exceed 14 pages in the LNCS Springer-Verlag format. Submissions will be accomplished through the contributions/submission section at the conference webpage.

All presented communications will be included in the proceedings of IWANN'15, which will be published in the Lecture Notes on Computer Science (LCNS) series. It is also foreseen the publication of an extended version of selected papers in a special issue on several specialized journals (such as Neurocomputing, Soft Computing and Neutal Proccesing Letters).

Important Dates

February 6, 2015	Submission of papers
March 21, 2015	Notification of acceptance
April 2, 2015	Submission of final papers
June 10-12, 2015	IWANN Conference

Organizers

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