International Conference on Image Processing Theory, Tools and Applications

IPTA'10

IEEE — **EURASIP**

July 7–10, 2010
Paris, France

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Call for Special Session
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Special Session Chairs:

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Title: Feature selection and kernel methods for image classification, image segmentation and pattern recognition

Aims & topics:

Recently, many computer vision system applications have emerged a great need for feature selection and kernel methods for image classification, segmentation and pattern recognition. Indeed, it is often useful to perform a feature selection to reduce the number of inputs, either for efficiency, performance, or to gain an understanding of data and their classification. These problems are encountered in Internet applications such as image recognition, in biomedical image applications such as diagnostic aid, in video surveillance such as person identification, etc. This special session will provide an opportunity for presenting new results on feature extraction and selection, kernel methods for image classification, segmentation, and pattern recognition.

The topics of interest include but are not limited to:

- Feature extraction and selection
- Supervised and unsupervised learning
- Image classification and segmentation
- Data fusion

Important dates:

Paper submissions: **March 1st, 2010**
Authors Notification: **April 3rd, 2010**
Final Paper Submission and Registration: **April 15 th, 2010**

Paper submission:

All submitted papers should be done online, following the paper submission guidelines. During paper submission, please take care to select the special session corresponding to your choice:
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For further information, the contact secretariat is at: **iptta@ibisc.univ-evry.fr**