

## Special Session

### Natural Images and Document Image Processing: Adaptations and Specificities

Co-located with IEEE ATSIP'2016

21-23 March 2016, Monastir-Tunisia

#### Scope:

Much attention was paid to texture analysis in both natural images and document images. This special session aims to emphasize the complementarities and specificities of the approaches for these two types of images. The proposed special session will be an excellent opportunity for researchers to share their experience and results within the framework of image processing and document image processing. The crucial goal of this special session is to establish interesting collaborations between the two research communities and how the document images are specific and need a dedicated imagery. The session welcomes papers on the following research topics that present an adaptation from natural image techniques to the context of document images, considering a large spectra of topics (but not limited to font identification, writer identification, script identification, text / image / graphic discrimination, text recognition, ...) and specific purposed:

- Low level features extraction in document images (texture, color, shapes, ...)
- Semantic gap crossing : from low level to semantic
- Representation models of content (structural, texture based...)
- Similarity measures for both natural and document images
- Information spotting (Word spotting, symbol spotting, object spotting ...)
- Interest regions detection
- Image and pattern mining in document images
- Learning techniques: from unsupervised to deep
- ...

#### Special Session Chairs

- Slim Kanoun, Associate Professor, Sfax University, Tunisia  
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- Amel Ben Azza, Professor, Tunis Carthage University, Tunisia.  
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#### Program Committee

Chokri Ben Amar	Professor, Sfax University, Tunisia
Walid Mahdi	Associate Professor, Taif University, Saudi Arabia
Mohamed Ouali	Associate Professor, Taif University, Saudi Arabia
Mohamed Hammami	Associate Professor, Sfax University, Tunisia
Nicole Vincent	Professor, Paris Descartes University, France
Jean Marc Ogier	Professor, La Rochelle University, France
Jean Yves Ramel,	Professor, Francois Rabelais University, France

### **Important Dates:**

Paper submission deadline:	<b>December 15th, 2015</b>
Acceptance Notification:	<b>January 15th, 2016</b>
Camera Ready:	<b>February 01st, 2016</b>
Author's Registration Deadline :	<b>February 15th, 2016</b>

For any query related to the special session, please contact Slim Kanoun (slim.kanoun@gmail.com)