Special Session

Processing of Words and Text issued from Image and Electronic documents: Adaptations and Specificities

Co-located with IEEE ATSIP'2016
21-23 March 2016, Monastir-Tunisia

Scope:

Processing of Words and Text issued from Image and Electronic documentshas attracted many researchers especially in the last two decades. Unfortunately, obtained results are mostly below the expectationsespecially for the optical recognition of some languages such as the Arabic. This is due mainly to the complex morphology of suchscripts which arecursive of nature. Indeed, one of the principal problems is the overlap between letters which constitute most of words. In addition, the letter shapes of most alphabets of some languagessuch as the Arabic change according to their positions in the word. This makes the problem more difficult to solve especially for complex fonts and varied writing styles. One of the promising ideas to improve the recognition rate seems to be the integration of useful linguistic information during the words recognition process in such a way users can have some correction alternatives as word hypotheses and consequently select the right one.

The proposed special session will be an excellent opportunity to exchange ideas especially between researchers interested in the natural language processing (electronic text processing) and optical word and text recognition (word and text image processing).

The session welcomes papers on the following (but not limited to) research topics:

- Optical word and text recognition for printed and handwritten types
- Natural language processing (electronic text processing)
- Linguistic resources (electronic dictionaries, electronic text corpus, ...)
- Information retrieval in text and document image

Special Session Chairs

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Important Dates:

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

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