Virtual Special Issue on **"Pattern Recognition and Cognitive Assistants (PRCA)"**
at **Pattern Recognition Letters Journal**

Cognitive assistants (CA) are technologies implemented in personalised intelligent systems, recommender systems, decision support systems, multi-agent systems, robotics, e-health applications, serious or educational games, etc.
CA are focused on people, providing tools that best fit them in order to:
- extend human skills in tasks such as reasoning, learning, memorizing, acting and adapting, interpreting their biosignals, etc.
- provide effective, cognitively-motivated support in their decisions.

Key topics of interest include (but are not limited to):
- Agent & Multiagent Systems
- Recommender Systems
- Data Protection and Privacy
- Ethics and Legal Issues
- Data Mining and Knowledge Discovery
- Robotics
- Image Processing
- Cognitive Systems
- Creativity Support Systems

Submissions: We expect full, high-quality papers of original, previously unpublished research written in English that are not simultaneously submitted for publication elsewhere. Prospective authors are invited to upload their manuscripts during the submissions period. Papers should be prepared by adhering to the PRLetters guidelines by taking into account that VSI papers follow the same submission rules as regular articles. When uploading their papers through the online system, authors should select the acronym (PRCA) assigned to the VSI as article type. Contributors must be informed that their papers should not have been published previously, nor be under consideration for publication elsewhere. If the submissions are extended works of previously published papers (i.e. CCIA'18 papers), the original works should be included and a description of the changes that have been made should be provided in the cover letter. Guest editors will make an initial determination of the suitability and scope of all submissions.

Paper Preparation: Note that templates for preparing the submissions are available at the website. Since VSI papers are published in regular issues, the maximal length of any VSI paper is 7 pages in the PRLetters layout, as it is for regular articles. The maximal length of a VSI paper can become 8 pages in the revised version if referees explicitly request significant additions. Papers submitted to the SI should be original and technically sound. If some papers are extended versions of conference papers, the PRLetters submission should include at least 30% new contribution (more experiments, proofs of theorems not included in the conference paper, more comparisons with other methods in the literature and so on); of course the title of

the PRLetters paper should be different, the same Figures cannot be used and the common part of the conference paper and of the extended versions cannot be verbatim the same.

Review Process: the review process will follow the standard PRLetters scheme, meaning that each paper is reviewed by (at least) 2 referees and that, in general, only two reviewing rounds are possible, out of which major revision is possible only for the first round. Authors should know that their papers will be most possibly rejected if after the 2nd reviewing round still need major revision.

Submission Deadlines
Submission deadline: July 5, 2019
First review notification: September 1, 2019
Revision submission: October 15, 2019
Second review notification: November 15, 2019
Acceptance notification: December 15, 2019

GUEST EDITORS
Zoe Falomir
University of Bremen, Bremen Spatial Cognition Center, Germany
http://bscc.spatial-cognition.de/
zfalomir@uni-bremen.de
https://sites.google.com/site/zfalomir/

Karina Gilbert
Universitat Politècnica de Catalunya-BarcelonaTech
Subdirector of the Intelligent Data Science and Artificial Intelligence Centre
Vicedecan of Big Data and Data Science at the Computer Science Official Colleague
karina.gibert@upc.edu

Enric Plaza
IIIA-CSIC
enric@iiia.csic.es
http://www.iiia.csic.es/~enric