8th International Conference on Pattern Recognition Systems
11-13 July 2017, Madrid, Spain

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The **8th International Conference on Pattern Recognition Systems (ICPRS-17)** is an annual event that follows ICPRS-16, a continuation of the successful Chilean Conference on Pattern Recognition that reached its 6th edition in 2014. In 2017 it is organised by two Madrid universities (UPM and UC3M) and sponsored by the Chilean Association for Pattern Recognition (AChiRP), the Spanish Association for Artificial Intelligence (AEPIA), the Spanish Association for Pattern Recognition and Image Analysis (AERFIA) and the Vision and Imaging Professional Network of the Institution of Engineering and Technology (IET), who will publish its proceedings (provided that at least one author registers and presents the work at the conference). Papers deemed to be of the required standard and presented at the conference, will be indexed by INSPEC and, normally through it, **IEEE Xplore** and **Scopus**. All paper submissions need to be submitted via Conftool to be peer-reviewed by an international panel of experts. Excellent papers will be encouraged to submit extended versions for consideration in IET research journals (Computer Vision, Image Processing, Biometrics). For more information, please see http://www.icprs.org. There is a good set of keynote talks including on deep learning.

Call for Papers (final extended deadline: 23rd April)

Interested authors are invited to submit papers describing novel and previously unpublished results on topics including, but not limited to:

- **Special Session** on Emotions in Groups and Crowds
- Artificial Intelligence Techniques in Pattern Recognition
- Bioinformatics Clustering
- Biometrics (including face recognition)
- Computer Vision
- Data Mining and Big Data
- Deep Learning and Neural Networks for Pattern Recognition
- Document Processing and Recognition
- Fuzzy and Hybrid Techniques in PR
- High Performance Computing for Pattern Recognition
- Image Processing and Analysis
- Kernel Machines
- Mathematical Morphology
- Mathematical Theory of Pattern Recognition
- Natural Language Processing and Recognition
- Object Detection, Tracking and Recognition
- Pattern Recognition Principles
- Real Systems, Applications and Case Studies of Pattern Recognition (e.g. health, environment, weather prediction, natural disasters, transportation, etc.)
- Robotics
- Remote Sensing
- Shape and Texture Analysis
- Signal Processing and Analysis
- Social Media and HCI
- Statistical Pattern Recognition
- Syntactical and Structural Pattern Recognition
- Voice and Speech Recognition

Key Dates

Paper Submission Deadline: **23rd 9th April 2017** (camera ready, max. 6 pages)

Notification of acceptance: 5th June 2017

Camera-ready papers: 12th June 2017