

Special Issue on Recent Advances in Pattern Recognition and Machine Vision

Concurrency and Computation: Practice and Experience

Overview:

This Special Issue is dedicated on Recent Advances in Pattern Recognition and Machine Vision. The key target audience will be the best papers accepted for the Second Mediterranean Conference on Pattern Recognition and Artificial Intelligence, MedPRAI 2018 (Rabat (Morocco), March 27-28, 2018), however other submissions are also welcomed. A strict review procedure will be organized further for selected papers from MedPRAI 2018 to the special issue based on the following standards.

- Authors may submit extended versions of the conference paper, but they must have at least 50% new content.
- Quality and originality in theory and methodology of pattern recognition and machine vision must be highlighted.
- There is a 16 page max length limit (inclusive of figures and tables) and must be prepared for publication according to the journal submission guidelines.
- Application oriented exhibiting originality with reasonable theory involved.

Topics (include but not limited):

- Handwriting analysis and recognition
- Biometrics applications
- Pattern recognition & applications
- Image analysis
- Multimedia Systems
- Image Coding and Processing
- Shape and Texture Analysis
- Signal, speech and video processing
- Image, audio and video watermarking
- Computer vision
- Object Detection, Tracking and Recognition
- Robotics and perception
- Virtual reality & medical applications

- Natural language processing
- Automated reasoning and inference
- Knowledge representation and reasoning
- Constraint processing
- Constraint Satisfaction Problem
- Heuristic search
- Intelligent interfaces
- Multi-agent Systems
- Machine learning and data mining
- Unsupervised, semi-supervised, and supervised Learning
- Active learning
- Transfer learning
- Deep learning
- Applications of Machine Learning

Guest Editors:

Harry Haoxiang Wang, GoPerception Laboratory; Cornell University, USA
(hw496@goperception.com)

Chawki Djeddi, Larbi Tebessi University, Algeria

Sankar Kumar Pal, Indian Statistical Institute, India

Imran Siddiqi, Bahria University, Pakistan

Mohammed El Youssfi EL Kettani, Ibn Tofail University, Morocco

Important Dates:

Submission deadline for full papers: August 25, 2018.

First round of review: October 25, 2018.

Final notification: November 25, 2018.

Final manuscript due: December 25, 2018