About PAIS 2016

After the success of the previous edition (PAIS’15, Larbi Tebessi University of Tebessa), we are very glad to announce the 2nd International Conference on Pattern Analysis and Intelligent Systems (PAIS 2016), which will be held at the University of Abbès Laghrour, Khencela, Algeria, during 16-17 November 2016. The event will be held over two days, with presentations delivered by researchers from the international community, including presentations from keynote speakers and state-of-the-art lectures.

The International Conference on Pattern Analysis and Intelligent Systems would like to become a major point of contact between researchers, engineers and practitioners on the areas of Pattern Recognition and Intelligent Systems, both from theoretical and application perspectives.

The Intelligent Systems and Pattern Analysis conference addresses in detail two main aspects: intelligent systems and Pattern Analysis. The conference has the intention to provide a contribution to academics and practitioners. So, both fundamental and applied researches are considered relevant.

Contributions describing applications of Pattern Recognition techniques and Intelligent Systems to real-world problems, interdisciplinary research, experimental and/or theoretical studies yielding new insights that advance Pattern Recognition methods are especially encouraged.

Publication

Accepted papers will be included in the conference proceedings published by International Journal on Information Systems and Technologies (IJIST). Extended version of selected papers after presentation in the conference will be considered for possible publication in the reputed International Journal of Computational Vision and Robotics (Indexed in Scopus (Elsevier), ACM Digital Library), Advanced Technologies with Aerospace (CSA), DBLP Computer Science Bibliography, etc.

Important Dates

• Submission Deadline: 16 June 2016 – 20 July 2016
• Notification of acceptance: 15 September 2016
• Camera Ready and Registration Deadline: 05 October 2016
• Conference Dates: 16–17 November 2016

CALL FOR PAPERS

Paper Submission

We encourage researchers to submit well-written English papers. Papers should be submitted electronically as pdf format (The final version of a paper must be submitted in Doc or Docx format). Contributions should be submitted electronically as PDF (seven-page), using the IEEE conference publishing template (double-column format), via the conference submission website:

https://easychair.org/conferences/?conf=pais2016

Topics

We invite researchers and practitioners to submit a paper to this conference, and join us at the beautiful and historical city of Khencela in November. The scope of PAIS’2016 includes, but not limited to, the following Tracks:

Track 1. Machine Vision
• Pattern Recognition
• Image Processing and Artificial Vision Application
• Pattern Recognition: Fuzzy Clustering and Classifiers
• Fuzzy Image, Speech and Signal Processing, Vision and Multimedia
• …

Track 2. Datamining & Software Development
• Big Data Searching and Discovery
• Social Information Retrieval
• Analytics for Data Streams and Sensor Data
• Social Networks and Web Mining
• …

Track 3. Intelligent Systems
• Intelligent Pattern Recognition
• Data Mining and Knowledge Discovery
• Evolutionary Computation
• Evolving Systems
• Fuzzy Sets and Systems
• Generalized Nets
• Genetic Algorithms
• Computational Intelligence
• Agents and Multi-Agent Systems
• …

Track 4. The technological excellence and social innovation
• E-Society, E-Participation and E-Democracy trends and perspectives
• Cloud computing, open data, big data, smart technologies
• Security, Privacy and Ethics in the digital era
• Smart Cities, E-Gov, Participatory Urban Design
• Interoperability, SmartGov and E-Gov Architectures
• …

Track 5. Artificial Intelligence
• Self-organization and Emergence
• Stability and Instability in Artificial Neural Networks
• Modular Implementation of Artificial Neural Networks
• Neural Multi-agent Intelligent Systems and Applications
• Representation Techniques

Keynote speakers:

Pr. Srikanta Patnaik
SOA University & I.I.M.T., Bhubaneswar, India

Pr. Nasser Jamalkhan
Researcher in Environmental Management Practices
United Kingdom

Partners