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The **IEEE 13th International Conference on Pattern Recognition Systems (ICPRS-23)** is an annual event that follows ICPRS-22, ICPRS-21, ICPRS-19, ICPRS-18, ICPRS-17 and ICPRS-16, a continuation of the successful Chilean Conference on Pattern Recognition that reached its 6th edition in 2014. In 2023 it is organised by **ESPOL Polytechnic University Guayaquil (Ecuador)** and the **Chilean Association for Pattern Recognition (ACHiRP)**, a member of the IAPR, endorsed by the **IAPR** and the **IEEE** (CS Ecuador Chapter). Papers deemed to be of the required standard AND presented at the conference, will be published by the **IEEE** and indexed in **IEEE Xplore**. **Please note that the publishers might reject papers which are too similar to previous publications, even if the work is presented at the conference.** All paper submissions need to be submitted via Conftool to be peer-reviewed (double-blind) by an international panel of experts. Extended versions of selected papers will be considered for a special issue publication in an indexed Journal (TBA). For more information, please see <http://www.icprs.org>. There will be a good set of keynote talks. ICPRS 2023 is planned to be a **hybrid event** so that authors, invited speakers and delegates can attend from anywhere in the world. There is also a special "Student Paper" category for papers whose main author is a registered student at the time of submission.

Call for Papers

Prospective authors are invited to submit papers describing novel and previously unpublished results on topics including, but not limited to:

- Artificial Intelligence Techniques in Pattern Recognition
- Bioinformatics Clustering
- Biometrics (including face recognition)
- Computer Vision
- Data Mining and Big Data
- Dataset: a new public dataset and baseline
- 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
- Medical Image Processing and Analysis
- Natural Language Processing and Recognition
- Object Detection, Tracking and Recognition
- Pattern Recognition Principles
- Pattern Recognition for optimization
- 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
- Signal Processing and Analysis
- Statistical Pattern Recognition
- Syntactical and Structural Pattern Recognition
- Time series prediction
- Voice and Speech Recognition

Key Dates:

Final Submission Deadline: **6th March 2023** (camera ready, 6 pages+1 refs)
(short papers: 4 pages+1 refs)
Notification of acceptance: **14th April 2023**
Camera-ready papers: **07th May 2023**

