



#### Local Chairs

- Prof. Angel Sappa**  
 ESPOL, Guayaquil, EC  
 Computer Vision Center, Barcelona, ES
- Prof. Boris Vintimilla**  
 ESPOL, Guayaquil, EC
- Prof. Monica Karel Huerta**  
 IEEE/Universidad Politécnica Salesiana, EC

#### General Chair

- Prof. Sergio A Velastin**  
 Queen Mary University of London, UK  
 University Carlos III in Madrid, ES

#### Technical Chair

- Prof. Edwin Valarezo Añazco**  
 ESPOL, Guayaquil, EC

#### Workshops Chair

- Prof. Enrique Pelaez**  
 ESPOL, Guayaquil, EC

#### ACHiRP Chair

- Dr. Cesar Astudillo**  
 Universidad de Talca, Talca, CL

#### Publications Chairs

- Prof. Yann Gavet**  
 MINES Saint-Etienne, Saint-Etienne, FR

#### Regional Chairs

- Dr. Márjory Da Costa Abreu**  
 Sheffield-Hallam University, UK
- Prof. José García-Rodríguez**  
 Universidad de Alicante, ES
- Dr. Gustavo Fernández**  
 Austrian Institute of Technology, AT
- Prof. Wilson Rivera**  
 Universidad de Puerto Rico, Puerto Rico
- Dr. Matilde Santos**  
 Universidad Complutense de Madrid, ES
- Dr. Clovis Tauber**  
 UMR U1253 iBrain, Univ. Tours, Inserm, FR
- Dr. María Trujillo**  
 Universidad del Valle, CO
- Prof. Qiao Wang**  
 Southeast University, PRC
- Prof. M. Haroon Yousaf**  
 University Eng. & Tech. Taxila, PK

The **IEEE 13<sup>th</sup> 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 6<sup>th</sup> 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:** **6<sup>th</sup> March 2023** (camera ready, 6 pages+1 refs)  
 (short papers: 4 pages+1 refs)
- Notification of acceptance:** **14<sup>th</sup> April 2023**
- Camera-ready papers:** **07<sup>th</sup> May 2023**

