

UNIVERSITY OF
WESTMINSTER

ICPRS

14th International Conference on
Pattern Recognition Systems

15 – 18 July 2024
London, UK



Local Chairs

Dr. Anastasia Angelopoulou
Prof. Thierry Chausalet
University of Westminster, UK

General Chairs

Dr. Cesar Astudillo
Universidad de Talca, Talca, CL
Prof. Sergio A Velastin
Queen Mary University of London, UK
University Carlos III in Madrid, ES

Workshops/Keynotes Chairs

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Dr. Barbara Villarini
University of Westminster, UK

IEEE Liaison Chair

Dr. Saumya Reni
University of Westminster/IEEE, UK

Regional Chairs

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Sheffield-Hallam University, UK
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Universidad de Alicante, ES
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Austrian Institute of Technology, AT
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IVIS Labs, IN
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Southeast University, PRC
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University Eng. & Tech. Taxila, PK



United Kingdom and Ireland Section

Signal Processing
Circuits & Systems
Computational Intelligence
Instrumentation and Measurements

The IEEE 14th International Conference on Pattern Recognition Systems (ICPRS-24) is an annual international event that follows ICPRS-23, 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 2024 it is organised by the **University of Westminster (UK)** and the **Chilean Association for Pattern Recognition (ACHiRP)**, a member of the IAPR, endorsed by the IAPR and co-sponsored by four chapters of the **IEEE UK+Ireland Section** (Signal Processing, Circuits & Systems, Computational Intelligence and Instrumentation and Measurements chapters). As per previous years, 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. For more information, please see <http://www.icprs.org>. There will be a good set of keynote talks. ICPRS 2024 is planned to be a **100% in person**. 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:

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| Submission Deadline: | 6 th March 2024 (camera ready) |
| Notification of acceptance: | 25 th April 2024 |
| Camera-ready papers: | 18 th May 2024 |