



# ICPRS 2021

INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION SYSTEMS  
17-19 MARCH 2021, UNIVERSIDAD DE TALCA, CURICÓ, CHILE



## Local Chair

**Dr. César Astudillo**  
Universidad de Talca, Curicó, CL

## General Chair

**Prof. Sergio A Velastin**  
Zebra Technologies Corp., UK  
Vision and Imaging Network, IET, UK  
Queen Mary University of London, UK

## Tutorials Chair

**Dr. Ricardo Barrientos**  
Universidad Católica del Maule, Talca, CL  
**Dr. Marco Mora**  
Universidad Católica del Maule, Talca, CL

## ACHiRP Chair

**Dr. Héctor Allende-Cid**  
Pont. Universidad Católica de Valparaíso, CL

## Publications Chairs

**Rodrigo Pavez**  
Universidad de Talca, CL  
**Dr. Pablo Zegers**  
Aparnix, CL

## Registrations Chair

**Dr. José Luis Jara**  
Universidad de Santiago de Chile, CL

## IEEE Liaison

**Dr. José DelPiano**  
Universidad de los Andes, CL

## 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. Maria Trujillo**  
Universidad del Valle, CO  
**Prof. Qiao Wang**  
Southeast University, PRC

The **11<sup>th</sup> International Conference on Pattern Recognition Systems (ICPRS-21)** is an annual event that follows 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 2021 it is organised by the Universidad de Talca (Chile) and the **Chilean Association for Pattern Recognition (ACHiRP)**, a member of the IAPR, **endorsed by the IAPR** and sponsored by the Vision and Imaging Professional Network of the **Institution of Engineering and Technology (IET)**. As in previous years, papers will be published in electronic proceedings. Papers deemed to be of the required standard AND presented at the conference, will be normally indexed in **IEEE Xplore** and **Scopus**. All paper submissions need to be submitted via Conftool to be peer-reviewed (double-blind) by an international panel of experts. Excellent papers will be encouraged to submit extended versions for consideration in a JCR-indexed journal (tba). For more information, please see <http://www.icprs.org>. There will be a good set of keynote talks. An innovative aspect of this conference is that it will be **mainly virtual** so that authors, invited speakers and delegates will be able to attend through a webinar system. 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
- 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

Paper Submission Deadline:	2 <sup>nd</sup> November 2020 (camera ready, max 6 pages)
Notification of acceptance:	18 <sup>th</sup> December 2020
Camera-ready papers:	15 <sup>th</sup> January 2021

