

# ICPRAM 2021

## SCOPE

The International Conference on Pattern Recognition Applications and Methods is a major point of contact between researchers, engineers and practitioners on the areas of Pattern Recognition and Machine Learning, both from theoretical and application perspectives.

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

Papers describing original work are invited in any of the areas listed below. Accepted papers, presented at the conference by one of the authors, will be published in the proceedings of ICPRAM with an ISBN. Acceptance will be based on quality, relevance and originality. There will be both oral and poster sessions.

Special sessions, dedicated to case-studies and commercial presentations, as well as technical tutorials, dedicated to technical/scientific topics, are also envisaged: companies interested in presenting their products/methodologies or researchers interested in presenting a demo or lecturing a tutorial are invited to contact the conference secretariat.

## CONFERENCE AREAS

Each of the topic areas is expanded below but the sub-topics list is not exhaustive. Papers may address one or more of the listed sub-topics, although authors should not feel limited by them. Unlisted but related sub-topics are also acceptable, provided they fit in one of the following main topic areas:

1. THEORY AND METHODS
2. APPLICATIONS

### AREA 1: THEORY AND METHODS

- Advanced Learning Methods
- Linear Models and Dimensionality Reduction
- Machine Learning Methods
- Model Representation and Selection
- Shape Representation
- Signal Processing
- Bayesian Models and Stochastic Methods
- Case-Based Reasoning
- Classification and Clustering
- Deep Learning and Neural Networks

Ensemble Methods  
Evolutionary Computation  
Feature Selection and Extraction  
Knowledge Acquisition and Representation

## **AREA 2: APPLICATIONS**

Audio and Speech Analysis  
Motion Tracking and Action Recognition  
Natural Language Processing  
Robotics  
Sensors and Early Vision  
Virtual Environments  
Bioinformatics and Systems Biology  
Biometrics  
Data Mining and Algorithms for Big Data  
Document Analysis  
Image and Video Analysis and Understanding  
Industry Related Applications  
Information Retrieval  
Medical Imaging

## **KEYNOTE SPEAKERS**

ICPRAM 2021 will have several invited keynote speakers, who are internationally recognized experts in their areas. Their names are not yet confirmed.

## **PAPER SUBMISSION**

Authors should submit a paper in English, carefully checked for correct grammar and spelling, addressing one or several of the conference areas or topics. Each paper should clearly indicate the nature of its technical/scientific contribution, and the problems, domains or environments to which it is applicable. To facilitate the double-blind paper evaluation method, authors are kindly requested to produce and provide the paper WITHOUT any reference to any of the authors, including the authors' personal details, the acknowledgments section of the paper and any other reference that may disclose the authors' identity.

Only original papers should be submitted. Authors are advised to read INSTICC's ethical norms regarding plagiarism and self-plagiarism thoroughly before submitting and must make sure that their submissions do not substantially overlap work which has been published elsewhere or simultaneously submitted to a journal or another conference with proceedings. Papers that contain any form of plagiarism will be rejected without reviews.

Authors can submit their work in the form of a Regular Paper, representing completed and validated

research, or as a Position Paper, portraying a short report of work in progress or an arguable opinion about an issue discussing ideas, facts, situations, methods, procedures or results of scientific research focused on one of the conference topic areas. All papers must be submitted through the online submission platform PRIMORIS and should follow the instructions and templates that can be found under Guidelines and Templates. After the paper submission has been successfully completed, authors will receive an automatic confirmation e-mail.

## PUBLICATIONS

All accepted papers will be published in the conference proceedings, under an ISBN reference, on paper and on digital support.

SCITEPRESS is a member of CrossRef (<http://www.crossref.org/>) and every paper on our digital library is given a DOI (Digital Object Identifier).

The proceedings will be submitted for indexation by Thomson Reuters Conference Proceedings Citation Index (CPCI/ISI), DBLP, EI (Elsevier Engineering Village Index), Scopus, Semantic Scholar, Google Scholar and Microsoft Academic.

## IMPORTANT DATES

Conference Date: **4 - 6 February, 2021**

### Regular Papers

Paper Submission: **September 14, 2020**

Authors Notification: **November 12, 2020**

Camera Ready and Registration: **November 26, 2020**

### Position Papers

Paper Submission: **October 29, 2020**

Authors Notification: **December 4, 2020**

Camera Ready and Registration: **December 18, 2020**

### Workshops

Workshop Proposal: **September 23, 2020**

### Doctoral Consortium

Paper Submission: **December 9, 2020**

Authors Notification: **December 22, 2020**

Camera Ready and Registration: **January 5, 2021**

### Special Sessions

Special Session Proposal: **September 23, 2020**

## **Tutorials**

Tutorial Proposal: **December 17, 2020**

## **Demos**

Demo Proposal: **December 17, 2020**

## **Panels**

Panel Proposal: **December 17, 2020**

## **Open Communications**

Paper Submission: **December 9, 2020**

Authors Notification: **December 22, 2020**

Camera Ready and Registration: **January 5, 2021**

# SECRETARIAT

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# VENUE

Available soon.

# CONFERENCE CHAIR

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