

## II International Workshop on Pattern Recognition for Cultural Heritage (PatReCH 2020)

The enormous amount of artefacts and information that come from the past is increasingly and rapidly being digitized. However, the useful information contained in these data is not easy to exploit and some kind of analysis is needed. On the other hand, the digital representations of real objects require for some kind of manipulation.

Recent machine learning and pattern recognition algorithms give the opportunity to analyze and manipulate the acquired data in order to better exploit the contained information and generate the best digital representation.

The aim of this workshop is to present recent advances in Pattern Recognition (PR) techniques for data analysis and representation in the cultural heritage field. Bringing together the work of many experts in this multidisciplinary subject to highlight these advances from a wide-angle perspective, as well as to stimulate new theoretical and applied research for better characterizing the state of the art in this subject.

The workshop will be held on **13 or 18 September 2020**, in conjunction with the 25th International Conference on Pattern Recognition (ICPR20), that will be held from 13 to 18 September 2020 in Milan, Italy.

### Topics include, but are not limited to the following

- Ancient document analysis
- Digital artifact capture, representation and manipulation
- Automatic annotation of tangible and intangible heritage
- Interactive software tools for cultural heritage applications
- Multimedia music classification and reconstruction
- Augmented and Virtual Reality applications
- Image processing, classification and retrieval
- Semantic segmentation
- Serious Game for Cultural Heritage
- Robotic applications
- Ontology Learning for cultural heritage domain

### Dates and chairs

Paper submission: May 15, 2020	Dario Allegra, University of Catania, Italy
Notification of Acceptance: June 30, 2020	Francesco Colace, University of Salerno, Italy
Camera-ready Submission: July 15, 2019	Mario Molinara, University of Cassino, Italy
Finalized workshop program: July 31, 2020	Alessandra Scotto di Freca, University of Cassino, Italy
Workshop day: September 13 or 18, 2020	Filippo Stanco, University of Catania, Italy

### Proceedings and Special Issue

Revised Accepted papers will be included in the ICPR 2020 Conference Proceedings, which will be published by Springer in the Lecture Notes in Computer Science Series (LNCS).

Authors of selected high-quality papers will be invited to submit extended versions for a Special Issue on a journal of quantile Q1: we are negotiating with major international journals.

### Contact Information

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Workshop website: <http://lia.unicas.it/patrech2020>