Pattern Recognition for
Cultural
Heritage

2nd International Workshop

PatReCH2020
January 11, 2021
Milan
http://lia.unicas.it/patrech2020
in conjunction with ICPR

ICPR 2020
25th INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION
Milan, Italy 10 | 15 January 2021

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 **11 January 2021**, in conjunction with the 25th International Conference on Pattern Recognition (ICPR2020), that will be held from 10 to 15 January 2021 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

- Submission deadline: October 10th, 2020
- Author notification: November 10th, 2020
- Camera-ready Submission: November 15, 2020
- Finalized workshop program: December 1st, 2020
- Workshop day: January 11, 2021

Proceedings and Special Issue

Revise 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 substantially extended versions for a Special Issue on an international journal of quartile Q1, with which we are still negotiating at the moment.

Chairs and Contact Information

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