Pattern Recognition for
Cultural Heritage

3rd International workshop

PatReCH2022
August 21, 2022
Montréal
http://aida.unicas.it/patrech2022
in conjunction with ICPR

ICPR 2022

IAPR TC 19

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 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 **21 August 2022** (to be confirmed), in conjunction with the 26th International Conference on Pattern Recognition (ICPR2022), that will be held from 21 to 25 August 2022 in Montréal, Québec.

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
- Machine Learning for Cultural Heritage
- Semantic segmentation
- Serious Game for Cultural Heritage
- Robotic applications
- Ontology Learning for cultural heritage domain

Important Dates

- Submission deadline: **May 15th, 2022**
- Author notification: June 15th, 2022
- Camera-ready Submission: July 1st, 2022
- Finalized workshop program: August 1st, 2022
- Workshop day: August 21, 2022 (to be confirmed)

Proceedings and Special Issue

Accepted papers will be included in the ICPR 2022 Workshop Proceedings, which will be published by Springer in the Lecture Notes in Computer Science (LNCS). In order to appear in the proceedings, all the paper must follow the instructions set forth by Springer for the "preparation of proceedings papers published in the LNCS".

Authors of selected high-quality papers will be invited to submit substantially extended versions to a Special Issue of the Journal of Imaging (MDPI). In addition, five of the best papers will be eligible for a reserved space in the Journal on Computing and Cultural Heritage (ACM).

Chairs and Contact Information

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