

Pattern Recognition for Cultural Heritage

5th International workshop

PatReCH2025
September 15 or 16, 2025
Rome
<http://aida.unicas.it/patrech2025>
in conjunction with ICIAP



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

Recent machine learning and pattern recognition algorithms allow the analysis and manipulation of the acquired data to exploit the contained information better and generate the best digital representation.

This workshop presents 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 to better characterize the state of the art in this subject.

The workshop will be held on **15 or 16 September 2025**, in conjunction with the 23rd International Conference on Image Analysis and Processing (ICIAP2025), which will be held from 17 to 19 September 2025 in Rome, Italy.

Topics includes, but no are limited to the following

- 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
- Image processing, classification, and retrieval
- Machine Learning for Cultural Heritage
- Semantic segmentation
- Serious Game for Cultural Heritage
- Robotic applications
- Ontology Learning for the cultural heritage domain

Dates

- Submission deadline: ~~June 5th, 2025~~ June 15th, 2025
- Author notification: July 1st, 2025
- Camera-ready Submission: July 10th, 2025
- Finalized workshop program: July 30th, 2025
- Workshop day: September 15th or 16th, 2025

Proceedings and Special issue

Accepted papers will be included in the ICIAP 2025 Workshop Proceedings, which will be published by Springer in the Lecture Notes in Computer Science (LNCS). All papers to appear in the proceedings 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 for a Special Issue in an international journal of at least the Q2 quartile, with which we are still negotiating at the moment.

Chairs and Contact Information

Dario Allegra, Università degli Studi di Catania, dario.allegra@unict.it

Mario Molinara, Università di Cassino e del Lazio meridionale, m.molinara@unicas.it

Alessandra Scotto di Freca, Università di Cassino e del Lazio meridionale, a.scotto@unicas.it

Filippo Stanco, Università degli Studi di Catania, filippo.stanco@unict.it