

# 1st International Workshop on Digital Platforms and Resources for Access to Literary Heritage (DIPRAL 2022)

Alessia Amelio<sup>1</sup>, Monica Bertè<sup>2</sup> and Domenico Ursino<sup>3</sup>

<sup>1</sup>*InGeo, University “G. d’Annunzio” Chieti-Pescara, Viale Pindaro 42, 65127 Pescara, Italy*

<sup>2</sup>*DiLASS, University “G. d’Annunzio” Chieti-Pescara, Via dei Vestini 32, 66100 Chieti, Italy*

<sup>3</sup>*DII, Marche Polytechnic University, Via Breccie Bianche 12, 60131 Ancona, Italy*

## Abstract

This document introduces the 1st International Workshop on Digital Platforms and Resources for Access to Literary Heritage (DIPRAL 2022), a premier scientific forum aiming to disseminate the recent trends, innovative approaches and future challenges in research and development of digital platforms, resources, portals, algorithms and technologies for access and preservation of literary heritage.

## Keywords

Literary heritage, Digital platform, Pattern recognition.

## 1. Introduction

In recent decades, the development of the digital technologies has made available and brought to the attention of even non-specialists an invaluable collection of excerpts, texts, documents, books, manuscripts and, in a broader sense, cultural information which can be related to our literary heritage. Such a process of digitization has contributed extensively to improve the usability of that portion of information which otherwise would have remained the exclusive prerogative of the domain experts. In such a context, the design and development of innovative fruition modalities of the literary heritage, as well as intelligent approaches and knowledge representation methods applied to its digital form have become of prior importance for expanding the access to content and evolving the usability of literary spaces (museums, libraries and archives). From all aforementioned, the 1st International Workshop on Digital Platforms and Resources for Access to Literary Heritage (DIPRAL 2022) is intended to be an emerging forum for the dissemination of current research on digital platforms and portals, resources, approaches and new technologies for the access, knowledge discovery and preservation of the literary heritage. Topics of interest include but are not limited to:

- Techniques for literary heritage elaboration and cataloguing
- Augmentation of literary collections with digital items

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✉ alessia.amelio@unich.it (A. Amelio); monica.berte@unich.it (M. Bertè); d.ursino@staff.univpm.it (D. Ursino)

🆔 0000-0002-3568-636X (A. Amelio); 0000-0003-1021-5913 (M. Bertè); 0000-0003-1360-8499 (D. Ursino)



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CEUR Workshop Proceedings (CEUR-WS.org)

- Digital corpora
- Recognition and enrichment of archival documents
- Web portals for the fruition of digital literary heritage
- Platforms for literary culture in museums, archives and art institutions
- Language recognition systems for literary heritage
- Techniques of data analysis for literary heritage
- Intelligent systems for the conservation of literary heritage
- Writer recognition from literary archives
- Applications of mobile technologies for digital heritage and literary heritage
- Methodologies and approaches to digitization of literary heritage
- Access to digital archives
- Knowledge extraction and representation from literary heritage
- Knowledge graphs and ontologies from literary archives

The scientific relevance of the workshop is assured by an international Scientific Committee which includes 17 researchers from 3 different countries worldwide (Italy, Bosnia and Herzegovina, and Serbia), and recognised as experts in literary heritage, algorithms, pattern recognition, data analysis, and artificial intelligence.

- **General Chairs:** Alessia Amelio, Monica Bertè, Domenico Ursino.
- **Organization Chairs:** Gianluca Bonifazi, Francesco Cauteruccio, Enrico Corradini, Michele Marchetti, Luca Virgili.
- **Program Committee:** Francesco Berardi, Maria Careri, Marijana Ćosović, Radmila Janković Babić, Christian Morbidoni, Antonino Nocera, Giulia Perucchi, Domenico Potena, Carlo Tedeschi.

## 2. Outcomes

DIPRAL 2022 was co-located with the 26th International Conference on Theory and Practice of Digital Libraries (TPDL 2022). The workshop was held in the afternoon of 20 September 2022 in Padua, Italy. The workshop received 7 submissions. Each submission was reviewed by at least 2 scholars of the Scientific Committee. The reviewers for each paper were selected from different institutions than the authors' institutions. Also, the reviewers should not be involved in co-authorship with the paper's authors. Each paper was evaluated according to: (i) clarity, (ii) relevance of the topic, (iii) adopted methodology. The only papers with at least 2 acceptance scores, and any reject score, were definitively accepted. In the end, a total number of 5 papers were included in the book of Proceedings. The papers were authored by 8 research scholars from 3 different countries and multiple institutions from each country: Italy, Bosnia and Herzegovina, and Serbia.

## 3. Acknowledgments

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