

## Editorial

We are pleased to release the second issue of this volume.

This issue publishes the below described research. In the first paper on **“Retrieving and Processing Images from the Pages of a Historical Newspaper and Modeling the Text Topics”** the authors *Gildácio J. de A. Sá* and *José E. B. Maia* described the significance and features of the images that appear in the newspapers. They present a topic navigation system in historical newspaper page images which consists four modules. These four include segmentation of text sub-images and text extraction, pre-processing and representation, induced topic extraction and representation, and document viewing and retrieval interface. Authors have described the technology and algorithms behind each module who conducted tests to validate the approach.

In the next paper on **“Incorporating Quality Measurement into Scientific Document Retrieval”**, the authors *Nedra Ibrahim*, *Anja Habacha Chaib* and *Henda Ben Ghézala* have presented a scientometric approach to annotate documents so as to improve the quality of information retrieval. They enrich the document annotation process with scientometric criterion. Their approach is found to provide better performance for retrieval system compared to BM25 retrieval model

In the third paper on **“Migration Intelligence: AI and Bio-surveillance of Migration Flow”**, the author *Giacomo Buoncompagni* studied the techno-digital management and the influence of artificial intelligence on migratory flows and migrants’ data clashes with ethical-legal issues that are still open, and which concern all those sectors that involve the massive use of technology. This paper provides an inter-disciplinary approach.

We will come out more research in the forthcoming issues.

## Editors