

# LIBNOVA RESEARCH LABS

*LIBNOVA's lines of research in technological innovation*

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**Abstract** - LIBNOVA will explain the lines of research to be followed in technological innovation by LIBNOVA Research Labs, its research dedicated department.

**Keywords** - Digital Preservation, Digital Archiving, Research, Artificial Intelligence, Machine Learning, Technological Innovation

**Conference Topics** - Sub-theme 1: Exploring the New Horizons; Sub-theme 4: Building the Capacity & Capability.

## I. PROPOSAL

LIBNOVA has focused since its beginnings on developing the most advanced digital preservation platform: LIBSAFE.

In 2017, LIBNOVA RESEARCH LABS [1] was created, to coordinate the lines of research to be followed in technological innovation within the company. The concluding research results have a direct impact on the digital preservation platform LIBSAFE.

Always focusing on the end-user, this laboratory aims to simplify the tasks of digital preservation by the application of Artificial Intelligence techniques such as the automation of ingesting processes, the creation of workflows, the analysis of the content of digital objects, etc.

The priority research lines of LIBNOVA Research Labs are:

- Artificial Intelligence - Machine Learning (Neural Networks).
- Intelligent Agents.
- Optimised Trustworthy Storage.
- Recommendation Engines.

## REFERENCES

- [1] LIBNOVA Research Labs, LIBNOVA. <https://www.libnova.com/rd-projects/>