Summary report in a development of a controlled vocabulary to the Institutional Repository CarpedIEN

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In the year of 2002, the Institute of Nuclear Engineering (IEN) presented the itinerant exhibition "IEN – 40 years", which, in 2003, arrived at the Museum of Astronomy and Related Sciences (MAST). Part of the exhibition brought a set of photographs that tells the story of the IEN and, when this collection returned to the Institute, it was decided that its guard would be directed to the care of the library. With this, an institutional project was elaborated, whose main strategy was to digitize them and make them available in the institutional repository of the IEN [1]. In order to retrieval these images to be more consistent, the need to build a controlled vocabulary to index them was identified, and the project was extended to all items in the repository. The project was based in a methodological approach [2] where all the keywords were listed and, therefore, the inconsistencies – duplicate words with the same meaning, words lexical identical but with different meanings, etc. – were identified, seeking to provide a better way of indexing the itens in the repository. The separation of the words was based in the PMEST approach (in which the roles of concepts are divided in Personality, Matter, Energy, Space and Time), aiming to separate the differences and approximate the equalities. Still under construction, the conclusion is that the controlled vocabulary needs to be revised periodically, aiming to demise the problems that appears time to time.

References

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