



Computational Lexicology and lexicography

International seminar



Marco Passarotti is Full Professor of Computational Linguistics at Università Cattolica del Sacro Cuore (Milan, Italy), where he is Director of the CIRCSE Research Centre and Coordinator of the MA in Linguistic Computing. His main research interests deal with building, using and disseminating linguistic resources and natural language processing tools for Latin. A former pupil of one of the pioneers of humanities computing, father Roberto Busa SJ, since 2006 he has headed the Index Thomisticus Treebank project. Between 2018 and 2023, he was the principal investigator of the LiLa project, an ERC-Consolidator Grant that built a Linked Data Knowledge Base of interoperable linguistic resources for Latin. He authored more than 200 publications.

LiLa (and LiITA) and Lexicography.

Exploiting the Interaction between Lexical (and Textual) Resources

In this presentation, I will address the topic of interoperability among language resources, focusing on the use case of the LiLa Knowledge Base for Latin resources. Additionally, the LiITA Knowledge Base for Italian will be introduced. After outlining the fundamental principles of the Linked Data paradigm, which underpins both LiLa and LiITA, I will describe the architecture of the Knowledge Base. Subsequently, I will focus on the modeling of various lexical and textual resources currently interconnected through LiLa. Finally, I will showcase a few online services for querying the Knowledge Base, with particular emphasis on use cases that cater to the needs of lexicographic work.



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