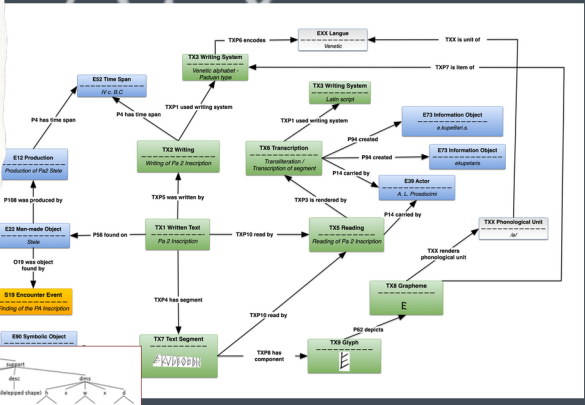


# LANGUAGES AND CULTURES OF ANCIENT ITALY

## Historical Linguistics and Digital Models

A. Marinetti\*, F. Murano°, V. Quochi^, M. Ballerini°, F. Boschetti^, A.M. Del Grosso^, S. Piccini^, L. Rigobianco\*, P. Solinas\*

\*Ca' Foscari University of Venice; °University of Florence; ^Institute for Computational Linguistics (CNR, Pisa)



The project will investigate the cultures of ancient Italy on the basis of their **linguistic documentation**, only consisting in **epigraphic evidence**, by means of **computational tools** specifically developed for this purpose. The project will focus on **Venetic, Oscan, Faliscan** and **Celtic** languages.

It is planned to combine the traditional method proper to historical linguistics with the setting up of digital technologies. In particular, the project will produce a **digital corpus** of the inscriptions managed in a digital archive containing all the relevant contextual information together with their formal representation leveraging the **EpiDoc** encoding schema.

A multilingual **computational lexicon** will be built using Semantic Web technologies, to give a structured and formal representation of the domain terms and to allow for a sophisticated semantic access of the corpus.

The project additionally plans to test the use of **CRMinf** and **CRMTex** ontologies for the digital representation of the inscriptions and their scientific interpretation in a semantic format, as well as to deploy a **Domain-Specific Language** that will assist scholars in the creation of the digital resources and ensure compatibility with the aforementioned standards.

All these activities constitute an absolute novelty in the domain of Restsprachen.

<https://www.prin-italia-antica.unifi.it>