MIRABILE Zeno Karl Schindler Foundation
Fellowship in Digital Humanities

The Zeno Karl Schindler Foundation [http://www.zenokarlschindler-foundation.ch] has established **two fellowships, each of them for six to twelve months**, to support the development of the «MIRABILE. Digital Archive for Medieval Latin Culture» [www.mirabileweb.it] project maintained by SISMEL (International Society for the Study of Medieval Latin, Via Montebello 7, I-50123 Florence www.sismelfirenze.it). It is intended that the fellows will carry out their fellowships at the seat of the SISMEL following the development agenda of the MIRABILE project, with a monthly stipend of CHF 2,500 (Swiss francs).

Applications should be submitted (with curriculum vitae and motivation letter) by **July 15, 2019** via email to: Prof. Jean-Yves Tilliette (Jean-Yves.Tilliette@unige.ch).

Applications will then be submitted to the MIRABILE Fellowship Scientific Committee for evaluation. The results of the evaluation procedure will be published **by August 31, 2019.**

Winners will be given the opportunity to start the fellowship from the beginning of **October 1st, 2019.**

MIRABILE Fellowship core objectives

1. On-line publication with related search functions of a corpus of texts of medieval Latinity in the MIRABILE site (www.mirabileweb.it), corpus formed by the critical editions of the "Edizioni del Galluzzo" (www.sismel.it). The text will be provided in multiple format such as XML and JSON or PDF. In particular for XML will be used the XML TEI standard, that provides guidelines for the creation of files in xml format. All text file will be transformed in JSON that is the standard format for the management of text used by Elastic Search for indexing.

2. Integration with meta-textual information present in MIRABILE's databases (such as the author, the text itself, the manuscripts that conserve it and the bibliography). The development of this new module will give the ability to insert texts and link those database information to them. The textual part can be loaded by the user inserting it in a text field, or by uploading it via an xml or pdf file. To facilitate the user, a lemmatization algorithm will be used, it will analyze the text contained in the document by detecting the entries in it.

3. To implement an integrated search between the textual corpus in MIRABILE and the Corpus Corporum project of the University of Zurich (http://www.mlat.uzh.ch/MLS/index.php). The integration between the two search engines will allow the users to obtain search results in a single user interface.

People with the following characteristics can apply for one of the following profiles or for both, by indicating it explicitly

1. First profile

Ability to understand and process texts in pdf and in xml tei formats and link them to other meta-textual information present in MIRABILE (able to correctly identify a text of medieval Latinity);

    a. Good knowledge of Latin
    b. Knowledge of xml and xml tei formats
    c. Basic knowledge of authors, texts and manuscripts of medieval Latinity

2. Second profile

Knowledge of software development methodologies for web-oriented applications, both in front-end and back-end for access to sql-type databases.

    a. Good knowledge of the http protocol
    b. Good written and oral English
    c. Knowledge of javascript

      Other desired skills
    a. Knowledge of linux systems
    b. SCM software GIT
    c. Elastic Search
    d. XML and XML TEI format

For further information
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http://www.sismelfirenze.it

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THE FOUNDATION WILL NOT GIVE ANY INFORMATION, JUSTIFICATION NOR REASON FOR THE DECISIONS CONCERNING THE ACCEPTANCE OR NOT OF AN APPLICATION.
Please consider that no reply will be given to such requests.