MIRABILE Zeno Karl Schindler Foundation
Fellowship in Digital Humanities

The Zeno Karl Schindler Foundation (www.zenokarlschindler-foundation.ch) has established **two fellowships, each of them for six or twelve months,** to support the development of the MIRABILE project (www.mirabileweb.it) maintained by SISMEL (International Society for the Study of Medieval Latin).

The grant will allow to a backend developer, specialising in information retrieval, to spend a period at the seat of the SISMEL in Florence (Via Montebello 7, I–50123 Florence: www.sismelfirenze.it) following the development agenda of the MIRABILE project, with a monthly stipend of 2,500 Swiss francs (CHF).

This position would particularly benefit a developer with an interest in humanities research and in solving real-world problems with an international community of users.

Applications should be submitted (with curriculum vitae and motivation letter) by **July 15, 2017,** 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, 2017.

Winners will be given the opportunity to start the fellowship from the beginning of October 1st, 2017.

MIRABILE Fellowship core objectives

I. The project aims to analyze the functionalities and the reliability of the databases available in the web, with specific focus on medieval manuscripts. It has the purpose to control that permanent and not permanent links toward the relevant information could be formally valid and functioning.

The project aims moreover to develop system functionalities, in relation with research work on medieval manuscripts through the web:

– it shall establish links from all medieval manuscripts present in MIRABILE (and in the Integrated Archive of the Middle Ages [AIM] of the SISMEL) – more than 150.000 – to external resources available in the web

– it shall improve the functionalities of geographical lists present in MIRABILE in order to constitute an *Atlas of the diffusion of latin medieval culture*, able to reconstruct the diffusion of medieval authors and works through the medieval manuscripts

II. The main digital purpose of the project is to develop an application that can verify the state of links associated to data present in Mirabile. The candidate will develop an application able to scan the state of the page referenced in Mirabile.

Through the use of a static analysis of the page, the application should evaluate if the content of the page is available or moved or changed. For each change the application should notify the Mirabile and AIM maintainers to check the content of the page.

The application must be able to scan any kind of page: permalink or form based search of any kind.

MIRABILE Fellowship candidates: required skills

1. good knowledge of the http protocol
2. experience in software development
3. good written and oral english
4. good knowledge of javascript language (nodejs)

Plus:
1. good knowledge of ES6
2. linux system
3. scm software (GIT)
4. unit testing (mocha, jasmine, chai, etc.)

For further information
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