

**TRAME FELLOWSHIP FOR A BACKEND DEVELOPER, SPECIALISING IN INFORMATION RETRIEVAL
FUNDED BY THE ZENO KARL SCHINDLER FOUNDATION**

The TRAME Fellowship for a backend developer, specialising in information retrieval funded by the Zeno Karl Schindler Foundation has been established to support the development of the TRAME project maintained by FEF and SISMELE. The grant will allow to spend a period of twelve months in Florence seeking the development agenda of the TRAME project, with a monthly stipend of 2,500 Swiss francs (CHF).

Applications should be submitted (with curriculum vitae and motivation letter) by October 31, 2014, via email to:

Prof. Jean-Yves Tilliette <Jean-Yves.Tilliette@unige.ch>

Applications will then be submitted to the ZKS TRAME Fellowship Scientific Committee for evaluation. The results of the evaluation procedure will be published by November 30, 2014.

Winners will be given the opportunity to start the fellowship from the beginning of January, 2015.

TRAME Fellowship candidates profile

The duties of this position are to be the principal designer, developer and tester for the TRAME semantic metasearch component. This is a highly exciting opportunity to apply semantic web technologies in the exploration of fundamental research questions in the area of mediaeval latin manuscripts, working with a vibrant international community of scholars. Located in the historic premises of the SISMELE in the heart of Florence, the successful candidate will have the opportunity to demonstrate technical skills in a rich environment of evolving scholarship.

TRAME is part of a large international network involving major Cultural Heritage Institutions across EU and USA, including Libraries, Universities and Research Centers, focusing on the study of medieval culture (with a strong focus on medieval authors, manuscripts and texts). The aim of TRAME is to foster digital resources discoverability and allowing access to scientific information in the medieval digital ecosystem. TRAME is also one of the main building blocks of the Virtual Center for Medieval Studies designed by COST Action IS1005: Medieval Cultures and Technological Resources (www.medioevoeuropeo.org).

This position will also include the opportunity to liaise with and collaborate with international technical projects at EU level, including the CENDARI EU (www.cendari.eu) infrastructure project, the COST Action, and other future engagements.

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

Core technical skills:

- Intermediate to Advanced proficiency developing in Java
- Experience in Software development, ideally in an academic context
- experience of the deployment and integration of search/information retrieval systems
- understanding of semantic web technologies (RDF, SKOS, Linked Data)
- Excellent written and oral English

Desirable skills:

- Scripting languages (especially PHP)
- Linux systems administration and general DevOps
- Project management skills
- Agile Software development Experience (XP, SCRUM, etc)
- Knowledge of test-driven development approaches

Previous experience working with digital humanities projects would be an advantage.

Knowledge of Italian is not required, but would be an advantage.

For further information: Emiliano Degl'Innocenti

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<http://www.zenokarlschindler-foundation.ch>

<http://www.sismelfirenze.it>

http://www.fefonlus.it/index.php?option=com_k2&view=item&layout=item&id=230&Itemid=188

<http://trame.fefonlus.it>