Title
Data modelling and standards expert in the domain of the transcription of spoken language

Context
The aim of the H2020 Parthenos project is to put together a comprehensive set of recommendations, tools and data for the dissemination of digital methods in all fields within the arts and humanities. Inria is more particularly in charge of coordinating activities related to standards and data formats in order to provide guidance but also to make progress in putting together and managing re-usable and interoperable data sets.

Published in 2016, the international standard ISO 24624 (Language resource management -- Transcription of spoken language) offers the opportunity to have a precise normative framework for the exchange of transcribed and annotated oral data, as they are produced with the existing software environments (CHAT, ELAN, EXMARaLDA, FOLKER or Transcriber), and make available numerous corpora in an easily reusable form.

Assignment
The fellow will have the responsibility, in the standardisation work package of the Parthenos project, to identify, develop and disseminate resources and tools helping the spread of the standard ISO24624. In particular, he/she will be responsible to:

- Gather information on existing oral corpora to identify relevant examples representing good practices in the domain of transcription of oral data;
- Make available conversion tools of existing formats to and from the new standard;
- Develop components helping the query, browsing and visualization of resources consistent with the standard (schemas, XSLT libraries, API, …).

The fellow will also have the responsibility to contribute to the information platform on standards created in the context of the Parthenos project.

Description of work
Responsibilities of the Fellow will include: keeping well informed of the needs and practices of the scholarly communities in the domain of data models and standards; working with the various partners in the Parthenos project; plan work and organise meetings at the benefit of providing excellent results within the project; participate actively in communication about the achieved results.

The work therefore combines technical expertise en communication abilities.

Skills and profile
Applicants must have received a Master degree in Humanities, computer science or library and information science with the ability to demonstrate solid knowledge in data modelling related to one or more Humanities disciplines, preferably in the domain of transcription of spoken language. A good knowledge of XML technologies is required; the knowledge of the TEI would be a plus.

It is important to have the ability to work in interdisciplinary environments, good oral and written communication skills in English; work independently and collaboratively in a team and international environment.

Position
This is a six-months full-time position, with benefits, including vacation days, sick leave, and health insurance. The monthly rate is commensurate with the level of experience of the candidate.

The fellow will be hosted within the Inria Alpage research team in Paris within a strong team of computational linguistic experts.

Please send your application (including CV and statement of motivation) by email to: laurent.romary@inria.fr . The application deadline is 31st January 2017.