

## Post-Doctoral Position

### Textual analysis of historical newspapers

Title: Post-doc position on the textual analysis of historical newspapers.

Location: L3i laboratory, La Rochelle, France

Duration: 2 years, with possible extension

Net salary range: 2000€-2500 € monthly (based on experience)

Context: H2020 NewsEye project

Keywords: any-language approaches, noisy data (OCR), named-entity recognition and linking, sentiment analysis, event detection, deep/machine learning, statistical NLP, (text) data mining

\*\*\*

Applications are invited for a postdoctoral researcher position on the semantic enrichment of historical newspapers. The NewsEye project is a consortium of 11 groups from data providers (European national libraries) to digital humanities research groups, via computer science research aiming at improving access to the content of historical newspapers (full details on the [NewsEye](#) project website).

In the University of La Rochelle, we are coordinating the project and specifically focusing on the semantic enrichment of historical newspapers, performing: named entity recognition and linking, sentiment analysis and event detection. The research challenges to be addressed in this context are plenty: multilingual data written in several European languages, noisy text resulting from imperfect OCR and document layout analysis, etc.

The research fellow will be expected to conduct research and experiments, as well as to assist with project management and the supervision of PhD and master students.

The work will be conducted in the informatics, image and interaction laboratory (L3i), within the [Horizon 2020 NewsEye project](#), coordinated locally. The L3i is a 100-person computer science laboratory created in 1993, hosted in the heart of the historical and sunny seaside city of [La Rochelle](#).

The context of work is rather vivid, with a growing international team around two H2020 projects, and several international events organised locally (CICLing 2019 in April, a 2-week summer school on document analysis and understanding in July 2019, etc.).

What we search for:

- a PhD in Computer Science followed by at least 2 years of postdoctoral experience
- past experience in statistical NLP, IR, or ML
- proven record of high-level publications in one or more of those fields
- fluency in written and spoken English (please note: French-language skills are irrelevant)

Applications including a CV and a one-page research statement discussing how the candidate's background fits requirements and topic are to be sent to by email to [antoine.doucet@univ-lr.fr](mailto:antoine.doucet@univ-lr.fr), strictly with the subject "NewsEye postdoc application".

Applications will be reviewed until the position is filled (expected start: March or April 2019).

Applications will be processed in the beginning of January 2019.