



# Post-Doctoral Position



## Social network analysis for crisis management

Title: Post-doc position on social network analysis for crisis management

Location: L3i laboratory, La Rochelle, France

Duration: open until September 2018

Net salary: 2000-2100 € monthly

Keywords: social network analysis, statistical NLP, (text) data mining

Applications are invited for one postdoctoral position on the live detection of events over microblogs through a dual approach mixing natural language processing and social network analysis. Depending on its background, the fellow will work using one or the other approach with implied issues such as : knowledge extraction for situation awareness, measures for the quality and reliability of information, and multimodal analysis. Since we also plan to integrate data stemming from the structure of the network: implicit and explicit author profile, mechanism by which the information is spread, etc. any background in SNA will also be a plus..

The work will be conducted in the informatics, image and interaction laboratory (L3i), within the Tourinflux project, funded by a public investment program for the future (PIA). The L3i is a 120-person laboratory created in 1993, hosted in the historical and sunny city of La Rochelle.

### What we search for :

- a PhD in Computer Science
- past experience in statistical NLP or SNA (or both) with an interest in the other domain
- fluency in written and spoken English.

Applications including a CV, a one-page research statement discussing how the candidate's background fits requirements and topic are to be sent to [jean-loup.guillaume@univ-lr.fr](mailto:jean-loup.guillaume@univ-lr.fr) and [antoine.doucet@univ-lr.fr](mailto:antoine.doucet@univ-lr.fr).

Applications will be reviewed until the position is filled (expected start: September 2017).