

## **Titre du projet/Title of the project: Modèles d'attention publique dans les moyens de communication / Public-attention models in mass media**

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### **Abstract (english)**

Social media represent a unique source of data for studying collective behavior in society. In fact, many research works have explored them to study phenomena as political opinion formation, information flow, echo chambers and spontaneous movements. In a previously published work, we have studied the dynamics of the Argentinian 2019 presidential elections with a massive data capture from Twitter, containing 900 million tweets, finding that Twitter dynamics could reveal how the political landscape is reorganized between a first a second round.

In the same line, we aim at making a comparative study of the evolution of opinion during the COVID-19 crisis according to different media in the US (a traditional media as the New York Times, and a social media as Twitter). In particular, we shall focus on a set of users that are linked to both media, in order to study the interaction between the content of the media and the discussions held by its followers online. We also compare the dynamics of discussions in Twitter held by the followers of other media.

During the stay, we are also advancing a new project related to the study of the political discussion in Twitter concerning the first and second rounds of the presidential election in France in 2022, and the ongoing dynamics of the discussion around the elections to the French National Assembly.