Vendredi 16 Octobre 2015
14h00 – 16h00
UT3 Paul Sabatier, IRIT, Auditorium J. Herbrand

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Roles and Dynamics of Online Conversations

Résumé : Online conversations are present in almost every online site: readers writing comments on a news site, students helping each other in Massive Open Online Courses, friends talking in online social networks or experts answering questions in technical forums. These conversations can be seen as micro social networks that constantly appear and disappear, and have structural and dynamic properties that are different from other kinds of social network. More specifically, users conversational behavior has a lot of impact at this scale. We are interested in learning whether there are typical behaviors (roles) and who are the users that hold those roles. One interesting thing about roles is that they might help predict the near future of a conversation.

In this talk, I will show a case study of two online forums (Reddit and Slashdot). I will analyze its dynamics, and present examples of how machine learning and social network analysis can be used to identify such users roles.