

**Sabbatical Summary Report
July-December 2009
Maya Rupert
Computing Science Department
Thompson Rivers University**

RECEIVED

JUL 16 2010

RESEARCH

During my sabbatical leave I had two main focuses: defending my Ph.D. thesis and advancing my research in building users' profiles from web 2.0 applications and in particular from collaborative tagging systems.

In June 2009, I received the reviews from the external examiners of my Ph.D. dissertation. Subsequently, in the months of July and August I had to address the reviews and comments and prepare for my thesis defence scheduled in September. I successfully defended my Ph. D. thesis with the distinction "Very Honourable".

During my visit to the University of Claude Bernard Lyon France in September, I established with Professor Salima Hassas the research directions for the collaboration between the LIESP lab at the University of Lyon and TRU. An immediate collaboration was the co-supervision of the Masters thesis for a student from the University of Lyon (Rana Chamsi). The student will start her PhD program in September 2010, which I will be co-supervising.

For my research project during my sabbatical leave, I concentrated on extracting users' profiles complementing it with a recommender system based on the users' activities in collaborative tagging systems. By linking the MySURF (a collaborative tagging system we built at TRU) to major social networks such as Facebook and LinkedIn, we improved our knowledge of the users and therefore improved users' profiling. The work was disseminated in a paper published in Springer LNCS (Lecture Notes in Computer Science) (Maya Rupert, Salima Hassas "Building Users' Profiles from Clustering Resources in Collaborative Tagging Systems). The paper (Maya Rupert, Salima Hassas "Co evolution of social and spatial organizations in multi-agent systems: application to collaborative tagging systems") will be submitted to the Web Intelligence and Agent Systems, an International Journal published by the IOS press.

In October 2009, I submitted my first NSERC Discovery grant application, and had the opportunity to supervise an undergrad student for her CUEF grant application.