



### **Hicham Hage**

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## **Biography**

I hold a Ph.D. in computer Science from the University of Montreal, where I was part of the HERON laboratory, which conducts multidisciplinary studies in the fields of artificial intelligence, cognitive science, education, knowledge management and e-commerce.

E-learning, Web2.0, Artificial Intelligence, Recommendation Systems, Data Mining, Intelligent Tutoring Systems, and Privacy constitute my principal research interests. However, my general objective, as a researcher, remains the design of privacy preserving frameworks and tools to enhance knowledge sharing in an online academic context.

## **Journals**

- Hage, H., Aïmeur, E., "Using Information Retrieval for Conflict Detection in Exams" Journal of E-Learning and Knowledge Society, 2006.

## **Conferences**

- Selmi, M., Hage, H., Aïmeur, E. "Evaluating LSA Sensibility to Disclosure in Learners Interactions." International Conference on Intelligent Systems (SITA 2015), 2015.
- Selmi, M., Hage, H., Aïmeur, E. "Opinion Mining For Predicting Peer Effective Feedback Helpfulness". In Proceedings of the 6th International Conference on Knowledge Management and Information Sharing (KMIS), Rome, Italy, octobre 2014.
- Selmi, M., Hage, H., Aïmeur, E. "Latent Semantic Analysis for Privacy Preserving Peer Feedback". In Proceedings of the 9th International Conference on Risks and Security of Internet and Systems (CRISIS), Trento, Italy, août 2014.
- Selmi, M., Aïmeur, E., and Hage, H.. "Privacy Framework for Peer Affective Feedback." In Signal-Image Technology & Internet-Based Systems (SITIS), 2013 International Conference on, pp. 1049-1056. IEEE, Kyoto, Japan, 2013.
- Hage, H., Aïmeur, E. "The Impact of Privacy on Learners in the Context of a Web-based Test" AIED-09 the 14th International Conference on Artificial Intelligence in Education Brighton, UK, juillet 2009.
- Naak, A., Hage, H., Aïmeur, E., "A Multi-criteria Collaborative Filtering Approach for Research Paper Recommendation in Papyrus". The 4th International MCETECH Conference on e-Technologies (MCETECH 2009), Ottawa, May 2009.
- Naak, A., Hage, H., Aïmeur, E. "Papyrus a Research Paper Management System" the 5th IEEE Conference on Enterprise Computing, E-Commerce and E-Services, Washington, 2008.
- Hage, H., Aïmeur, E., "Harnessing learner's collective intelligence: a Web2.0 approach to E-learning" Ninth International Conference on Intelligent Tutoring Systems (ITS 2008), pp. 438-447 Montréal, juin 2008.

- Hage, H., Aïmeur, E., "Combining Web2.0 and E-learning: enabling learners to enrich the learning content". The International Group of e-Systems Research and Applications (TIGERA 2008), Hammamet, March 2008. (Best Paper Award)
- Aïmeur, E., Hage, H., Mani Onana, F.S., "Anonymous Credentials for Privacy-Preserving E-Learning", Montreal Conference on eTechnologies , MCETECH 08, Montreal pp. 70-80, january 2008.
- Hage, H., Aïmeur, E., "Topic Tree: Increasing the Accuracy of Item Retrieval". World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education (E-learn 2007), Québec City , pp. 6933-6940, October 2007.
- Aïmeur, E., Hage, H., Mani-Onana, F.S. "A framework for Privacy-preserving e-Learning" The 2007 International Conference on Privacy, Security and Trust (PST 2007) New Brunswick, pp. 223-238, Moncton,2007.
- Hage, H., Aïmeur, E. "ICE: A System for Identification of Conflicts in Exams" The 4th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA-06), Dubai, pp. 980-987, mars 2006.
- Hage, H., Aïmeur, E. "Exam Question Recommender System" 12th International Conference on Artificial Intelligence in Education, Amsterdam, juillet 2005.

## Chapters in Books

- Hage, H., Aïmeur, E., "Preserving Learners' Privacy", in Advances in Intelligent Tutoring Systems by Riichiro Mizoguchi, Jacqueline Bourdeau and Roger Nkambou., Springer Verlag, pp. 465-482, 2010.
- Hage, H., Aïmeur, E., "E-learning for the new generations, a Web2.0 approach", E-Learning Book Marian Buzzi Editor, pp. 1-18, 2010.