

## **Prof. Sylvain Giroux**



**Sylvain Giroux** is a professor at the Department of Computer Science at the University of Sherbrooke, Canada. He received a Ph.D. in computer science from the University of Montreal in 1993. His professional experience is well balanced between academic institutions and private corporations. As a result, Sylvain Giroux has contributed to the development of information systems in transdisciplinary contexts and domains as varied as distance learning, geophysics, electronic commerce, tele-medicine, task-support systems, cognitive assistance and smart homes. His current research interests are cognitive assistance, telemonitoring, smart homes, Internet of things, activity recognition, augmented reality, and cryptocurrencies.

Sylvain Giroux co-founded DOMUS, an interdisciplinary laboratory of the University of Sherbrooke (<http://domus.usherbrooke.ca>). DOMUS has an extensive research background in using participatory design, pervasive computing, ambient intelligence, and living labs to design, explore, and evaluate a wide range of innovative solutions for cognitive assistance aimed to foster the autonomy of people with Dementia, Alzheimer disease, mild cognitive impairments, traumatic brain injury (TBI).