

Resume

To be of my time is my motto. My way of achieving it is to connect science and field work in order to bring innovation in the field faster and enrich science from the field experience in a loop effect. This is why my work is research & development as a way of being, not only as a thing we do as a complement. On the development side, I am a consultant since 2013 and I specialized in developing business models and project management (including grant writing). One of the main issues I encounter as a consultant is clients who face complex and ambiguous problems that no one can solve. This as led me to do research to find a way to deal with this kind of problem. In this sense, my doctoral thesis has three aims. First, I develop a polygraphic tool that seeks to identify and define clearly those complex and ambiguous problems. Second, I document how I develop this tool to generate knowledge about the problematization process which is under documented in general. Third, I use quantum models in human science to connect research and development which opens a large array of possibilities for interdisciplinary problem solving in science and in the field. To test the polygraphic tool for problem identification and definition, my thesis uses the case of the educative system in Quebec.

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