# SECM 2017 Position

**Short Intro:** I've been working in the software industry for the last 17 years, former CTO for a high tech company. I've also taught grad/undergrad students for 10 years. In 2016, decided to become (full-time) professor with the University of Brasília.

**Premise:**

- The 21st century brings new challenges as complexity, scale, adaptability, faster and deeper learning processes.
- The state-of-the art is driven by industry and consultants; research centers/ universities understanding their new roles in the ecosystem.
- Software is key to digital innovation and it speeds up the economic, political and social exchanges; misjudgment might have serious impact.

**Questions:**

- Are professors actually connected to the frenetic 21st digital ecosystem, so they can better support students' learning?
- How might we support students to conduct science at work?
- How to prepare both educators and students to deal with the 21st century complexity, while not losing moral principles and a sense of higher purpose?

**Tactics:** Active learning/PBL/PrBL/ Applied Research.

**Interests:** Computer Science Ethics/ Sustainability, Complexity, Applied Research & Learning.

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