

# **Research-Based Innovation in Model-Driven Engineering: Project Experience and Lessons Learned (Keynote Speech)**

Lionel Briand

University of Luxembourg, Luxembourg  
lionel.briand@uni.lu

**Abstract.** Engineering research needs to be informed by practice to be relevant and have impact, and industrial innovation relies on research to fill the gaps in knowledge and to pave the way for new tools, technologies, and services. With a focus on Model-Driven Engineering (MDE), this talk will report on my experience from a number of recent successful research projects conducted in various industry sectors. I will take a retrospective approach to examine the way I collaborated with the industry partners and elaborate on the decisions that I believe contributed to the effectiveness of the collaborations. I will then summarise the lessons learned from this experience and illustrate these lessons using examples from the projects.