“Software architects are trained to apply certain unquestioned principles, such as ‘actively engage stakeholders’ and ‘never depend on a particular product’. As a community, we have built up practices on top of these principles. ...”

However, in my practical experience in several complex development contexts, I encountered cases where some long-held architecture principles do not apply. This thesis reports on my research on new practices to respond to the forces that cause these principles to fail us.

This thesis focuses on software architecture practices for systems of systems. This scope includes data-intensive systems, which we consider as a type of system of systems.”

– from the Introduction to *Architecture Practices for Complex Contexts*