



Research School for Operations  
Management and Logistics

**An analysis of the influence of technology on internal and external organizational characteristics**

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This research project focuses on the influence of technology on organizations, whereby technology is viewed as being external to the organization. The phenomenon is studied at three different aspects: work processes and routines, new business creation, and industrial change. The first study examines how and why digitization technology is changing the tasks and activities of people within the organization. In the second study, we analyze how people perceive a technology to make new combinations of resources (Schumpeter, 1934), i.e. create new business. The third study examines how technology is influencing the organization in relation to its industry and whether it creates new possibilities for change, or reinforces boundaries that were induced by past decisions. So, the first study focuses on exogenous technology moving inside the organization, whereas the second and third study are concerned with the behavior of the organization towards its environment, respectively on entrepreneurial activities/ new business creation (study 2), and on the industry and its boundaries (study 3). This research is important because it creates insights in how business perceives technology and how this reflects on both daily practice and on long term performance, both of which are directly relevant for every business encountering new technology.