

Management Science Seminar

Relating business conditions, supply chain integration and performance: review and empirical findings

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Time: 2 pm

Room: Lecture Theatre 9

Abstract: Supply chain integration seems in parts of the literature the solution to many problems and almost the only way to stay competitive in contemporary business. Empirical research (mainly survey based) seems to confirm the relationship between integration and performance. A limited number of publications recognizes the need for distinguishing different types of supply chain and supply chain relationships. We review and analyse the survey-based research on the relationship between supply chain integration and performance. Based on this analysis and earlier case-based research, we developed a questionnaire that incorporates business conditions as product variety, demand uncertainty, technology, etc. Preliminary results of that survey will be presented that show that supply chain integration specifically is beneficial (leading to better performance) under complex business conditions, whereas a high level of integration does not improve performance under simple business conditions.

Short Biography: Dirk Pieter van Donk is an associate professor in Operations Management in the Operations Management Department at the Faculty of Management and Organization, University of Groningen, The Netherlands. He holds a PhD in Management and a Master in Management and Organization and a Master in Operational Research, all from the University of Groningen. His research interests are supply chain management and integration, operations management in process industries and specifically food processing industries. He has published in Journal of Operations Management, International Journal of Operations & Production Management, International Journal Production Research, and International Journal Production Economics. Currently, he is an Academic Visitor to the Said Business School, Oxford University.