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Data Science and Simulation in Transportation Research

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Davy Janssens (Hasselt University, Belgium),
Ansar-Ul-Haque Yasar (Hasselt University, Belgium), and
Luk Knapen (Hasselt University, Belgium)

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Davy Janssens graduated in 2001 as Commercial Engineer in Management Informatics at Limburg University. After his graduation, he worked as PhD candidate and teaching assistant at Hasselt University within the faculty of Applied Economic Sciences. In 2005 he got his PhD at Hasselt University, where he is now working as a professor. He is teaching different courses in the domain of transportation planning. At the level of scientific research, he is a member of the Transportation Research Institute (IMOB) at Hasselt University, where he is programme leader in the domain of travel behaviour research. His area of interests is also situated within the application domain of advanced quantitative modelling (e.g. data mining), such as Bayesian networks and research about Reinforcement Learning and in activity-based transportation modelling.

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