

Einladung zur Ringvorlesung „Simulationswissenschaften“

Mittwoch, 22. Juni 2016, Raum 0.101, Institut für Informatik, Universität Göttingen, 16:15 Uhr

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spricht über das Thema

Simulation-based impact assessment and strategy development in the automotive sector

Inhalt des Vortrags:

Electric vehicles are often seen as a promising way for rationalizing the use of fossil energy and cutting down greenhouse gas emissions in the automotive sector. So far, however, the market success of electric vehicles and thus their impact on reducing fossil fuel consumption and greenhouse gas emissions are rather limited. In this talk, the automotive market simulator (AMaSi) is introduced, which combines system dynamics and agent-based simulation to analyze the leverage of manufacturers and policy to support the market diffusion of electric vehicles. Based on real-world data the model is applied to the German car market and different manufacturer and policy measures are simulated, including the currently discussed purchase premium for battery and plug-in hybrid electric vehicles. Additionally, validation issues are discussed when modeling the structure of complex socioeconomic/-technic systems and simulating their behavior.

Gäste sind herzlich willkommen.

Der Vortrag findet in folgendem Gebäude statt:

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