



ANGELE REINDERS

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My present research focuses on product development and system design with sustainable energy technologies. I have practical experience with applications of solar technologies, in particular photovoltaics, LEDs, fuel cells, energy storage technologies, thermal energy technologies and small wind turbines in products, buildings and local infrastructures. A core issue in my research is the matching of renewable energy technologies with various conditions during their life cycle with a focus on energy performance, costs, manufacturing, environmental aspects and user interactions. My research includes the development of innovative design approaches, new simulation tools for analyzing the performance of energy systems, technical monitoring of prototypes and the application of evaluation tools such as environmental life cycle analysis. In general my research is based on real cases which are executed with industry and in interdisciplinary research teams.

PUBLICATIONS:

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