

Short Biography:

Emiel Hensen obtained a PhD degree from Eindhoven University of Technology with Prof. Rutger van Santen in 2000. He was an assistant professor with Prof. Berend Smit at the University of Amsterdam in 2000-2001. He returned to Eindhoven University of Technology as an assistant professor and was promoted associate professor in 2008. During this period he was a visiting research scientist at the Shell Research and Technology Center Amsterdam. Since 2009, Hensen is full professor inorganic chemistry and catalysis at Eindhoven University of Technology. Hensen is the (co)author of more than 230 publications in peer-reviewed scientific journals. He obtained prestigious VENI/VIDI/VICI grants from the Netherlands Organisation for Scientific Research for his research work. Hensen is chairman of the Netherlands Research School for Catalysis (NIOK), board member of the European Research Institute of Catalysis (ERIC) and member of the national research program Multiscale Catalytic Energy Conversion.

The Hensen group focuses on the generation of scientific and technological knowledge in the field of catalyst systems relevant to the development of clean and sustainable processes for the production of fuels and chemicals. The work is done in four areas: structure sensitivity in metal catalysis, biomass conversion, zeolites and related porous materials and solar fuels.