

Biographical sketch Henning Struchtrup

I was a member of Senate 2017-2021, and in that time served on the Senate Committee for Academic Standards, where I also chaired a subcommittee. I am genuinely interested in the well being and functioning of the university. After a break due to study leave, I would like to return to Senate, and Senate committees, where most of the deeper discussions take place, and careful consideration leads to better policies.

Henning Struchtrup joined the Department of Mechanical Engineering in 2001. Since then, he has served as graduate and undergraduate advisor, as a member of the Faculty Advisory Committee (two terms, one year as chair), and twice as acting department chair for 6 months. Over the years, Henning served on many other committees, such as Dean search committee, Distinguished Service Awards committee, Joint Senate Board Retreat Planning Committee, and many ARPT committees within the Faculty of Engineering.

Henning Struchtrup's research concerns all aspects of thermodynamics and energy conversion, and modelling for rarefied gases. He authored a textbook on thermodynamics, a monography on rarefied gas dynamics and, with many students and collaborators, 100+ papers in international journals and conferences. Moreover, he serves on the editorial boards of three international journals, and is regularly invited to present at conferences and workshops. Henning received the Faculty of Engineering Teaching Award in 2010.