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Professor Carl-Eric Hagentoft received his M.S. degree in Engineering Physics, 1983 and his Ph.D. Degree from Lund University, Sweden in 1983 and 1988 respectively. After his dissertation he was engaged in research, and acted as projected leader for the Lund Group for Computational Building Physics. During 1991 he was promoted to University Lecturer.



Since 1993 he has been working at Chalmers University of Technology in Gothenburg Sweden, where he holds the Chair in Building Physics. His research background includes heat, moisture, and air transfer in the building envelope systems and components, calculation models for coupled heat, moisture and air transfers inside the building envelope and thermal insulation material, thermal system analysis using Simulink, temperature processes in the ground, hygrothermal performance of building foundations, and convection processes in fractured and porous structure.

Today the research is focusing on Building Physics Design, i.e. how to design buildings with good indoor air quality, energy efficiency, durability, and moisture safe building envelopes, the sound base for Sustainable Building technology.

Hagentoft has published two popular scientific books on Building Physics.