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Dr. Holm is senior research engineer and head of the department of “Indoor Environment, Climatic Impacts” at Fraunhofer-IBP in Holzkirchen, Germany. His responsibilities include analyses of room climatic parameters in buildings and means of transportation; physical and psycho-physical measurements with test persons to determine thermal comfort and other comfort criteria; CFD-calculations; calculated analysis of building components and hygrothermal simulation of buildings, microbial growth on surfaces; assessment of mould fungus in interiors; model development for bio-hygrothermics; analysis of constructions, building components and materials as well as building components for heating, ventilation and energy systems on a 1:1 scale under in-situ real conditions of climate and use.

He is also a professor for Building Physics and Energy Efficient Buildings at the Applied University of Munich. During the last few years he was mainly responsible for the development of WUFI Plus and worked closely the team from the Oak Ridge National Laboratory.

