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Research profile

Expert in building physics, specialised in moisture dynamics and the interaction between indoor environment and materials. Applications: moisture buffering and development of numerical models for biological growth, used for prediction of the service life of building structures and materials.

Experience from different research and knowledge-based organisations and tasks: From management and coordination of research and funding proposals to simulation models and lab work, from theoretical teaching at the university level to presentations and talks to building professionals, including supervision of students.

Work experience

2020-	Research Director, BUILD, Aalborg Universitet
2016-2020	Research Director, Danish Building Research Institute (SBI), Aalborg University
2015-2016	Senior Researcher, SBI
2012-2015	Associate Professor, DTU Byg
2008-2013	Senior Consultant, Passivhus.dk ApS/Passiivitalo.fi Oy (part time)
2011-2012	Senior Researcher, DTU Byg (part time)
2006-2011	Senior Scientist, Research Scientist, VTT (Technical Research Centre of Finland), Espoo, Finland (from 2008 part time)
2003-2005	Assistant Professor, DTU Byg (Post.doc)
2000-2003	Ph.D.- student, DTU Byg

Academic degrees

2000-2003	PhD Study with a Thesis "Moisture Dynamics in Building Envelopes", DTU Byg
1994-2000	Master of Science in Engineering; Technical University of Denmark (DTU)

Appointments

Foundation Byg-Erfa, Member of the board, 2018 - IDA Byggningsfysik, Member of the board, 2014 -, Vice-chair, 2016 - Chair, 2017 - Member of Editorial Board for Journal of Building Physics, 2021 - European Commission Research Executive Agency (REA), Member of H2020 proposal evaluation expert group, 2015 - Member of Scientific Committee for a number of conferences since 2010 Member of evaluation committees for Ph.D students