

News archive 2014

19th of Dec 2014

Thank you all for celebrating with us our 20-year anniversary!



Research in building physics began in 1994 and the first years were spent developing research facilities, as well as building testing buildings. During this time, projects had already begun in many areas of building physics, and through the years, the number of projects has increased considerably. At the beginning of the 2000s, development started for an [analysis method for moisture performance](#) of structures based on computational modelling, which is at the forefront of research today. Education containing the theoretical base needed for the most demanding certification for designers started in 2005 and an academic chair in building physics was established in 2013. The group has also excelled at hosting the Finnish Building Physics Symposiums. In 2011 the group hosted one of the biggest international conferences in building physics NSM 2011. The latest achievement was the publishing of the first part of the Building Physics Manual at the end of 2014.

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Part I of Building Physics Manual has been published. The book contains information on planning, structural solutions, energy performance of buildings and measurements as well as research, building materials and products, all related to building physics. The book works as a manual for the building industry and as a guide and textbook. Read more on [RIL's webpage](#) (in Finnish).

1st of Dec 2014

Petteri Huttunen from building physics research group has received a four-year scholarship for doctoral studies.

11th of Nov 2014

Oskari Vilamo Foundation has awarded this year's high-grade Master's thesis award to Elina Manelius from TUT's Building physics research group for her Master's thesis [Development of Water Vapour Permeability Measurements of Building Products](#).

23rd of Sep 2014

A new project "Wood Framed Apartment Buildings as a Research Environment" (Puukerrostalo tutkimusympäristönä) has begun. The objective of this project is to determine prospects for long-term measurements of thermal and moisture behaviour of multi-storey residential buildings constructed with CLT elements.