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Research outputs:

The effects of wind-driven rain on the hygrothermal conditions behind wooden beam ends and at the interfaces between internal insulation and existing solid masonry
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Hygrothermal assessment of internally insulated solid masonry walls fitted with exterior hydrophobization and deliberate thermal bridge
Research output: Contribution to journal › Conference article – Annual report year: 2018 › Research › peer-review

Hygrothermal assessment of north facing, cold attic spaces under the eaves with varying single sided passive ventilation strategies and infiltration scenarios, in a cool, temperate climate
Research output: Contribution to conference › Paper – Annual report year: 2018 › Research › peer-review

Influence of hydrophobation and deliberate thermal bridge on hygrothermal conditions of internally insulated historic solid masonry walls with built-in wood
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Interior insulation—Characterisation of the historic, solid masonry building segment and analysis of the heat saving potential by 1d, 2d, and 3d simulation
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Interior insulation – Experimental investigation of hygrothermal conditions and damage evaluation of solid masonry façades in a listed building
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Long term in situ measurements of hygrothermal conditions at critical points in four cases of internally insulated historic solid masonry walls
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Performance of hydrophobized historic solid masonry – Experimental approach
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Material characterization models and test methods for historic building materials
Research output: Contribution to journal › Conference article – Annual report year: 2017 › Research › peer-review

Strengthening requirement specification in sustainable procurement - an investigation of challenges
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review
A lime based mortar for thermal insulation of medieval church vaults
Research output: Contribution to conference › Paper – Annual report year: 2016 › Research › peer-review

Effect of façade impregnation on feasibility of capillary active thermal internal insulation for a historic dormitory – A hygrothermal simulation study
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Hygrothermal conditions in cold, north facing attic spaces under the eaves with vapour-open roofing underlay in a cool, temperate climate
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Moisture transport properties of brick – comparison of exposed, impregnated and rendered brick
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Building renovation with interior insulation on solid masonry walls in Denmark - A study of the building segment and possible solutions
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Field study of the indoor environment in a Danish prison
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Retrofit with Interior Insulation on Solid Masonry Walls in Cool Temperate Climates: An Evaluation of the influence of Interior Insulation Materials on Moisture Condition in the Building Envelope
Research output: Contribution to journal › Conference article – Annual report year: 2015 › Research › peer-review

Tekniske systemløsninger til energirenovering – Demonstration på typiske parcelhuse: Delrapport 2
Research output: Book/Report › Report – Annual report year: 2015 › Research

Tekniske systemløsninger til energirenovering - Fokus på 60/70er parcelhuses klimaskærm: Delrapport 1
Research output: Book/Report › Report – Annual report year: 2015 › Research

Holistic Energy Renovation of Pre- and Postwar Apartment Blocks in Denmark
Research output: Contribution to conference › Paper – Annual report year: 2013 › Research

Method for Developing and Assessing Holistic Energy Renovation of Multi-Storey Buildings
Research output: Contribution to conference › Paper – Annual report year: 2013 › Research › peer-review

Prospective future introduction of reduction of energy use in buildings in the Arctic regions – How might it affect the indoor climate?
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2012 › Research › peer-review

Super-energy wrap-up model for renovation of standard wooden houses in Greenland?
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Blev de billige boliger bedre? Evaluering af teknik og produktion
Research output: Book/Report › Report – Annual report year: 2011 › Research
Blev de billige boliger bedre? Samlet værk
Research output: Book/Report › Report – Annual report year: 2011 › Research

Blev de billige boliger bedre?
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Energirenovering af en- og to-familie træhuse i Grønland
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2011 › Research › peer-review

Energirenovering af en og tofamilie træhuse i Grønland
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2011 › Research

The potential and need for energy saving in standard family detached and semi-detached wooden houses in arctic Greenland
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Landsbyen
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2011 › Education

Råhus - en boligopfattelse
Research output: Book/Report › Report – Annual report year: 2011 › Research

Projects:

Hygrothermal assessment of north facing, cold attic spaces under the eaves with varying structural roof scenarios
Project: Research

Xella – Interior Insulation - Stage 2
Project: Research

Fugtsikker energirenovering af bevaringsværdige murede ydervægge
Project: Research

Symposium om Ventilationsforhold i kolde skunkrum – Etape 2
Project: Research

modelAttic - an OpenModelica model to examine the hygrothermal conditions in a cold, north-facing attic space under the eaves
Project: Research

Robust solutions of design of internal insulation in historic buildings with regards to hygrothermal performance
Project: PhD

Robust solutions of design of internal insulation in historic buildings with regards to hygrothermal performance
Project: PhD

RIBuild
Project: Research

Bæredygtighed ved renovering af eksisterende byggeri
Project: PhD
Hygrothermal performance of internal insulation in historic buildings
Project: PhD

Interior insulation of buildings from 1850 to 1930 with massive external masonry walls and embedded wooden beam floor structure
Project: PhD

Xella – Interior Insulation - Stage 1
Project: Research

Anvendeligheden og robustheden af indvendig isolering
Project: Research

Ventilationsforhold i kolde tagrum som skunkrum og hanebåndslofter i konstruktioner med diffusionsåbne undertage – Etape 2.
Project: Research

Ventilationsforhold i skunke og hanebåndslofter i konstruktioner med diffusionsåbne undertage.
Project: Research

Helhedsorienteret energirenovering
Project: Research

Udvikling af systemløsninger til energimæssigt vidtgående klimaskærmsrenovering af eksisterende bygninger samt demonstration på 3 typiske parcelhuse fra perioden 1960-80
Project: Research

Innovationsnetværket for energieffektivt og bæredygtigt byggeri
Project: Research

Activities:

modelAttic - an OpenModelica model to examine the hygrothermal conditions in a cold, north-facing attic space under the eaves
Activity: Other

Indvendig ydervægsisolering – Findes der en sikker metode?
Activity: Talks and presentations › Conference presentations

Tagboliger i eksisterende ejendomme - planlægning og løsninger
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Kan Indvendig isolering leve op til kravene om en robust løsning med styr på fugt og temperaturforholdene
Activity: Talks and presentations › Conference presentations

TEMAMØDE FOR ANVENDELSE AF INDVENDIG EFTERISOLERING
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

PROJEKTKONFERENCE
Activity: Talks and presentations › Conference presentations