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Publication: Research - peer-review › Article in proceedings – Annual report year: 1996

Fugt II.
Publication: Research - peer-review › Book – Annual report year: 1996

Opstilling af regneark til beregning af fugtdiffusion efter Glasers metode
Publication: Research - peer-review › Book – Annual report year: 1996

Combined heat and moisture transfer in building constructions
Publication: Research › Ph.D. thesis – Annual report year: 1990

Projects:

Tools for Reliable Energy Performance Characterisation of Buildings
Rasmussen, C., Madsen, H. & Rode, C.
01/01/2017 → 31/12/2019
Project: PhD

Building clusters and their impact on flexibility when including the prosumer aspect
Larma, M., Rode, C., Heller, A., Li, R. & Pedersen, A. S.
01/10/2016 → 30/09/2019
Project: PhD

Implementation of flexible operational schemes for buildings in a district with smart energy systems
Luc, K. M., Heller, A., Andersen, R. K. & Rode, C.
01/11/2015 → 31/10/2018
Project: PhD
Models for flexible operation of buildings in district energy system Nordhavn
Foteinaki, K., Rode, C. & Heller, A.
15/09/2015 → …
Project

EnergyLab Nordhavn - New Urban Energy Infrastructures
01/04/2015 → 31/03/2019
Project

Assessment and Optimization Methods for Implementation of Energy Strategies in Communities
Petersen, J., Rode, C., Heller, A. & Kolarik, J.
15/02/2015 → 17/03/2018
Project: PhD

RIBuild
01/01/2015 → 31/12/2019
Project

Buildings for Smart Energy Cities
Gianniou, P., Rode, C., Nielsen, P. S. & Heller, A.
15/09/2014 → 15/09/2017
Project

Buildings for Smart Energy Cities
Gianniou, P., Rode, C., Heller, A. & Nielsen, P. S.
15/09/2014 → 31/01/2018
Project: PhD

Center for IT-Intelligent Energy Systems for Cities
01/01/2014 → 31/12/2019
Project

Interior insulation of buildings from 1850 to 1930 with massive external masonry walls and embedded wooden beam floor structure
15/12/2013 → 05/02/2018
Project: PhD

Developing semi-empirical models for predicting climate inside electronic device enclosures
Staliulionis, Z., Hattel, J. H., Ambat, R., Jellesen, M. S., Mohanty, S., Rode, C., Park, S. & Tamulevicius, S.
15/10/2013 → 22/07/2017
Project: PhD
IEA EBC Annex 63 - Implementation of Energy Strategies in Communities
Heller, A., Petersen, J. & Rode, C.
01/06/2013 → 01/06/2018
Project

Resistance and susceptibility of the building envelope to fungal growth
01/04/2013 → 15/02/2017
Project: PhD

Hygro-thermal conditions and pollutant emissions from zero waste materials and their effects on humans
Krejcirikova, B., Rode, C., Kolarik, J., Peuhkuri, R. H., Wargocki, P., Qin, M., Knudsen, H. N. & Wadsö, L.
01/01/2013 → 31/07/2017
Project: PhD

Innovative Insulation Materials with Hygric Properties
Juhl, L., Rode, C. & Heller, A.
01/11/2012 → 28/02/2014
Project: PhD

Skimmelsvampe i Grønland
Andersen, B. & Rode, C.
29/07/2012 → 04/08/2012
Project

Energirenovering af Etagebyggerier med vidtgående Energibesparelser
Harrestrup, M., Svendsen, S., Rode, C., Björk, F. & Rudbeck, C. C.
01/11/2011 → 19/03/2015
Project: PhD

Climate Change and its Impact on Lifetime and Maintenance of Buildings
15/08/2011 → 09/12/2015
Project: PhD

Betingelser for skimmelsvampevækst på byggematerialer
Andersen, B., Møller, E. B., Rode, C. & Peuhkuri, R. H.
04/04/2011 → 31/08/2013
Project

Helhedsorienteret energirenovering
Bjarløv, S. P., Rode, C., Eriksen, M. S. H., Stang, B. F. D., Løgberg, E. & Simonsen, G.
01/01/2011 → 31/12/2013
Project

Bæredygtighed ved renovering af eksisterende byggeri
01/11/2010 → 04/07/2016
Project: PhD

Energy use and indoor environment in new and exiting dwellings in arctic climates
01/11/2010 → 24/04/2014
Project: PhD
Climate change and its impact on lifetime and maintenance of buildings
Hørmann, P., Rode, C., & Nielsen, S. B.
01/09/2010 → 30/11/2010
Project: PhD

Durability of buildings and energy renovation
Lauritzen, D., Svendsen, S., Rode, C., Björk, F., & Rudbeck, C. C.
01/07/2010 → 26/08/2014
Project: PhD

Innovationsnetværket for energieffektivt og bæredygtigt byggeri
Rode, C., Bjarlev, S. P., & Eriksen, M. S. H.
01/06/2010 → 31/05/2014
Project:

Models for the energy performance of low-energy houses
Andersen, P. H. D., Madsen, H., Rode, C., Hattel, J. H., Heiselberg, P., & Roels, S.
01/05/2010 → 24/01/2014
Project: PhD

Performance Modeling for Product Development of Advanced Window Systems
Appelfeld, D., Svendsen, S., Nielsen, T. R., Rode, C., Duer, K., & Hellström, B.
01/06/2009 → 28/09/2012
Project: PhD

Energirenovering af bygninger til lavenerginiveau
Morelli, M., Svendsen, S., Nielsen, T. R., Rode, C., Björk, F., & Rudbeck, C. C.
01/12/2008 → 27/08/2013
Project: PhD

Dynamic effects in porous media flow in the built environment
01/05/2008 → 30/04/2010
Project:

Passive Houses for Arctic Climates
01/08/2007 → 29/06/2011
Project: PhD

Model for Multidimensional Heat, Air and Moisture Conditions in Building Envelope Components
01/08/2006 → 06/01/2010
Project: PhD

Model for Multidimensional Heat, Air and Moisture Conditions in Building Envelope Components.
Møller, J. S., Rode, C., Stang, B. D. & Hansen, M. H.
01/04/2006 → 31/03/2009
Project:

Indlejring af erfaringer fra lavenerghus Sisimiut
Rode, C., Fan, J., Borchersen, E., Kragh, J., & Furbo, S.
01/03/2006 → 31/12/2006
Project:
Moisture Buffer Tests
Rode, C. & Bodner, H. R.
21/02/2006 → 01/09/2006
Project

Rode, C., Svendsen, S., Møller, E. B. & Hansen, M. H.
01/11/2005 → 30/06/2008
Project

IEA Annex 41 : Funding from EFP 04, Danish Energy Agency
Møller, J. S., Rode, C., Grau, K. & Hansen, M. H.
01/11/2004 → 31/10/2007
Project

IEA Annex 41 : Funding from Tagpapbranchens Oplysningsråd, TOR
Møller, J. S. & Rode, C.
Project

Konference i Florida, USA : Støtte fra Otto Mønsteds Fond
Møller, J. S. & Rode, C.
01/11/2004 → 31/12/2004
Project

Guest Ph.D. student Vit Koverdynsky
Rode, C.
01/08/2004 → 31/07/2005
Project

Whole Building Heat, Air and Moisture Response : IEA ECBCS Annex 41, Subtask 1 leadership
Rode, C., Peuhkuri, R. H. & Mortensen, L. H.
01/08/2004 → 31/12/2007
Project

Reduktion af energiforbrug til udtørring af bygninger
Rode, C.
01/07/2004 → 30/06/2006
Project

Moisture Buffering of Building Materials
Rode, C., Time, B., Ojanen, T. & Arfvidsson, J.
01/04/2004 → 30/06/2005
Project

Reflekterende undertage
Rode, C. & Holck, O.
31/01/2004 → 29/02/2004
Project

Udarbejdelse af pjece: Indeklima og tegl
Rode, C. & Beigh, S.
01/11/2003 → 31/03/2004
Project
Udvikling af elbesparende reguleringsstrategier og optimering af ventilationsanlæg og varmepumper i svømmehallar
Jensen, M. L. & Rode, C.
01/08/2003 → 31/12/2005
Project

Hygrotermisk mikroklima på indvendige overflader af klimaskærmen
Mortensen, L. H., Rode, C., Peuhkuri, R. H., Svendsen, S., Brohus, H. & Hagentoft, C. H.
01/05/2003 → 15/09/2007
Project: PhD

Hygrothermal Performance of Whole Buildings
Rode, C., Peuhkuri, R. H. & Mortensen, L. H.
01/05/2003 → 01/05/2006
Project

Cold Bridge Problem in Sandwich Panels, Clinic Buildings, Thule
Nielsen, H. J. & Rode, C.
01/02/2003 → 31/03/2003
Project

Moisture Buffering of Building Materials : Workshop
Rode, C.
01/01/2003 → 31/12/2003
Project

Beregning af U-værdier for bygningsdele til VIF's U-værdi tabel : U-værdi 2003
Rode, C., Rose, J., Weitzmann, P., Henriksen, T. & Petersen, M.
01/12/2002 → 30/10/2003
Project

Evaluering af udviklingsprojekt
Rode, C.
01/08/2002 → 30/11/2002
Project

U-værditable efter EU-standerder
Rode, C.
01/08/2002 → 30/09/2002
Project

Metoder til optimering på bygningsenergiområdet
Pedersen, F. Ø., Svendsen, S., Bøhm, B., Nielsen, H. B., Rode, C., Christiansen, E. & Gustafsson, S.
01/03/2002 → 09/03/2007
Project: PhD

Praktisk U-værdi samt fastlæggelse af korrektionsfaktorer for isoleringsevne/U-værdi ved prak-tisk udførelse af isolering af bygningskonstruktioner med alternativ/ekologisk isolering
Rode, C., Holck, O. & Olsen, L.
01/01/2002 → 30/06/2004
Project

Sekretariatsbistand, bygninger : Carsten Rode
Rode, C.
01/06/2001 → 31/12/2001
Project
Fugtfordeling i absorberende isoleringsmaterialer: Moisture distribution in absorbent insulation
Rode, C., Peuhkuri, R. H., Padfield, T., Hansen, K. K. & Mortensen, L. H.
01/12/2000 → 30/04/2003
Project

Overfladens betydning for varme- og fugtforhold i bygningers klimaskærm og de drift- og vedligeholdelsesmæssige konsekvenser heraf
Møller, E. B., Rode, C., Christoffersen, L. D., Hansen, K. K., Olsen, L. & Sedlbauer, K.
15/11/2000 → 26/03/2004
Project: PhD

Investigation and Optimisation of Heat Storage Tanks for Low-Flow SDHW Systems
Knudsen, S., Furbo, S., Rode, C. & Vajen, K.
01/09/2000 → 26/05/2004
Project: PhD

Moisture Transport in Wood A Study of Physical-Mathematical Models and their Numerical Implementation
Krabbenhøft, K., Damkilde, L., Hoffmeyer, P., Rode, C., Petersson, H. & Ranta-Maunus, A.
01/08/2000 → 26/11/2004
Project: PhD

Fugtteknisk grundlag for fastsættelse af designværdier for varmeledningsevnen
Rode, C., Rudbeck, C. C. & Dufour, J.
09/05/2000 → 31/10/2001
Project

Eksperimental og analytisk fugtdynamik i sammensatte bygningskonstruktioner
Peuhkuri, R. H., Rode, C., Hansen, K. K., Hjorslev Hansen, M., Holm, A. & Time, B.
01/02/2000 → 17/10/2003
Project: PhD

Moisture based determination of the design value of thermal conductivity based on the declared values for thermal insulation materials in typical building constructions
Rode, C., Rudbeck, C. C. & Dufour, J.
01/02/2000 → 31/05/2000
Project

Equipment to investigate moisture distribution in absorbing insulation materials
Rode, C., Padfield, T. & Nicolajsen, A.
01/04/1999 → 31/05/2000
Project

Energy efficient, demand controlled ventilation for dwelling for the future
Rode, C. & Bergsøe, N. C.
01/03/1999 → 30/06/2000
Project

Metode til optimering af bygninger med hensyn til energi og indeklima
Nielsen, T. R., Svendsen, S., Rode, C., Gustafsson, S. & Olsen, L.
01/02/1999 → 21/01/2003
Project: PhD

Calculation of U-values for building components for VIF’s Table of U-values
Rode, C. & Rose, J.
01/01/1999 → 31/08/2000
Project
Moisture problems in the floor of a congress centre
Rode, C.
01/01/1999 → 31/08/1999
Project

Secretarial assistance, Energy Research Programme 2000
Rode, C.
01/01/1999 → 29/02/2000
Project

Heat and moisture characteristics of alternative thermal insulation materials.
Hansen, K. K., Hansen, E. J. D. P., Padfield, T., Rode, C. & Kristiansen, F. H.
15/04/1998 → 01/07/1999
Project

Investigation of Heat and Moisture Performance of Alternative Insulation Materials
Rode, C. & Kristiansen, F. H.
15/04/1998 → 01/02/2000
Project

Framework programme on Energy Conservation in the Existing Building Stock
Rode, C. & Engelmark, J.
01/01/1998 → 31/08/1998
Project

Humidity in Buildings
Rode, C. & Fanger, P.
01/01/1998 → 31/12/2002
Project

Secretarial assistance, Energy Research Programme 1999
Rode, C.
01/01/1998 → 31/12/1998
Project

Simulation of moisture conditions in sealed window units with acrylic glazing
Rode, C.
01/11/1997 → 31/12/1997
Project

Secretarial assistance, Energy Research Programme 98
Rode, C.
10/10/1997 → 31/12/1997
Project

Fugttransport og konvektion i bygningskonstruktioner
Gudum, C., Rode, C., Hagentoft, C. H., Andersen, K. T. & Svendsen, S.
01/08/1997 → 18/02/2003
Project: PhD

Contribution to formulation of development programme for alternative thermal insulation material
Rode, C. & Nicolajsen, A.
01/01/1997 → 30/05/1997
Project
The role of absorbent building materials in moderating changes of relative humidity
Nielsen, A., Hansen, K. K., Padfield, T. & Rode, C.
01/10/1996 → 19/11/1998
Project

Træs mekanosorptive egenskaber
Jensen, S. K., Hoffmeyer, P., Damkilde, L., Rode, C., Kliger, R. & Olesen, P.
01/04/1996 → 10/04/2003
Project: PhD

IEA, ECBCS, Annex 24, Heat, Air and Moisture Transfer in Insulated Envelope Parts, HAMTIE
Korsgaard, V. & Rode, C.
04/07/1991 → 21/01/1997
Project

Activities:

Research activities with DTU's Department of Civil Engineering of relevance for CHAMPS Development and Application
Rode, C. (Speaker)
1 Jun 2012 → 3 Jun 2012
Activity: Talks and presentations › Conference presentations

5-års seminar om Lavenerghuset i Sisimiut
Rode, C. (Organizer)
2 Jun 2010
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Press clippings:

Selvstyrets boliger i miserabel stand
Carsten Rode
06/09/2012
1 media contribution
Press / Media