



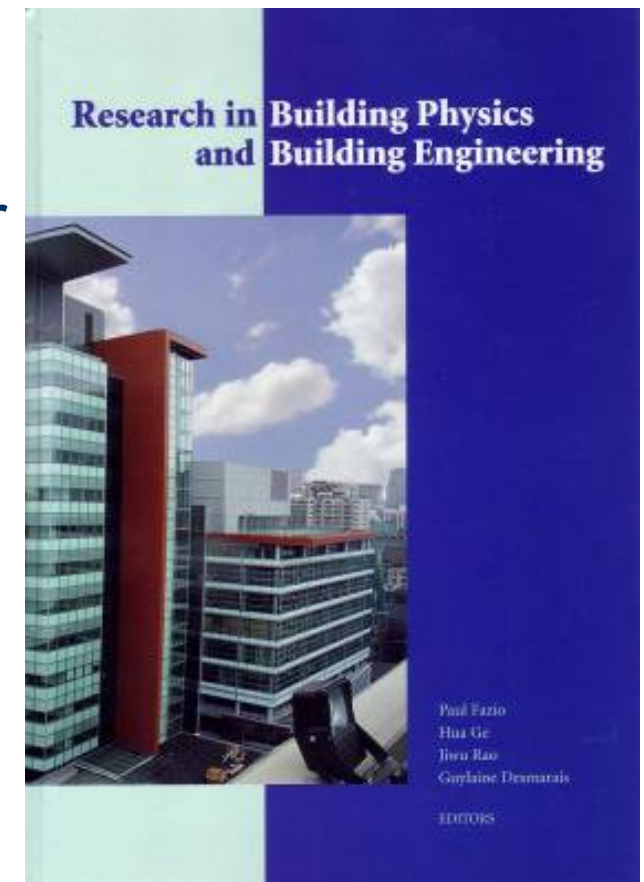
Concordia University, Montreal Canada

Arrangeres av IABP

(International Association of Building Physics)

Treffpunkt for bygningsfysikk-forskere fra hele verden

- Tar pulsen på bygningsfysikkforskningen for tiden!
- Ca. 300 Deltakere fra alle verdensdeler
- 245 abstracts
- 186 papers innsendt
- 123 papers accepted
 - i Proceedings (990 sider/CD)



Norske bidrag:



- Nore, K., Lisø, K.R. and Thue, J.V.:
Statistical analysis of wooden cladding moisture response to climate parameters
- Nore, K., Zillig, W. and Thue, J.V.:
Climate adapted wooden cladding design - field investigation and numerical validation
- Lisø, K.R., Kvande, T. and Thue, J.V.:
Learning from experience – an analysis of process induced building defects in Norway

Fra presentasjon:

Lisø, K.R., Kvande, T. and Thue, J.V.:

Learning from experience – an analysis of process induced building defects in Norway

Concluding remarks

- It is clearly possible to reduce the amount of building defects in Norway.
- Requires an active effort in several areas and by all actors within the industry.
- National database for quality in building. The described archive will be a central contribution.
- A general lack of knowledge on fundamental principles of building physics.
- An important educational tool in the establishment of knowledge on building defects.



Tematisk oppdeling 1-2

■ Building Materials

- Moisture buffering (4 papers)
- Hygrothermal properties (14 papers)
- Salt transport (4 papers)
- Experimental procedures (4 papers)
- Degradation and durability (3 papers)
- Vacuum insulated panels (4 papers)

■ Building Envelopes

- Envelope systems (3 papers)
- Double facades and windows (4 papers)
- Walls (15 papers)
- Roofs (7 papers)
- Sub-grade (2 papers)

Tematisk oppdeling 3-4

■ Whole Buildings

- Building engineering (1 paper)
- Whole building HAM (6 papers)
- Energy (17 papers)
- Ventilation and air leakage (6 papers)

■ Indoor Environment

- Thermal comfort (5 papers)
- Daylighting and acoustics (4 papers)
- Indoor air quality (3 papers)

Tematisk oppdeling 5

■ Outdoor Environment

- Climate change and sustainable design (4 papers)
- Wind driven rain (4 papers)
- Weather and buildings (9 papers)

■ Proceedings tilgjengelig hos:

- SINTEF Byggforsk (Kim R. Lisø, Tore Kvande)
- NTNU (Jan V. Thue)

■ List of papers finnes på:

- <http://www.bcee.concordia.ca/ibpc3/program/papers.php#wrapper>

Hovedinntrykk:

- Fukttekniske materialegenskaper
- Modellering, beregningsmodeller
- Energibruk i bygninger
- Bredt spekter av problemstillinger

- Spesielt aktive fagmiljø:
 - Sverige/ Danmark: Lund TH, Chalmers TH, DTU
 - Belgia/Nederland: KU Leuven, TU Eindhoven
 - Tyskland: Fraunhofer-Bauphysik
 - Canada/USA: IRC, Concordia, U. Saskatchewan, Syracuse U., Penn. State U.
 - UK: Caledonian U.