



Tekn. Dr. Per Christiansson  
Ing. Byrå HB



**Short-CV** ([http://www.christiansson.biz/cv/shortcv\\_pc.pdf](http://www.christiansson.biz/cv/shortcv_pc.pdf))  
Full CV (79 pages) at [http://www.christiansson.biz/cv/perch\\_cv\\_www.html](http://www.christiansson.biz/cv/perch_cv_www.html)

## Short CV Per Christiansson



- Name:** Per Christiansson  
**Born:** May 5, 1945 in Helsingborg, Sweden  
**Civil status:** Married, two boys (born 1974, 1975)  
**Nationality:** Swedish citizen  
**Education/ Degrees** Civil engineer, 1969, Lund University, Sweden.  
Tekn. Dr. 1976, Lund University, Sweden.  
Docent, 1981, Lund University, Sweden.
- Employment:**
- Professor in IT in Civil Engineering, 1998 - 2011, Aalborg University, Denmark.  
Head of the Building Informatics group. <http://it.civil.aau.dk/>
  - Head and founder of KBS-Media Lab , Lund University. 1983-1997.
  - Senior Lecturer in Structural Engineering, Lund University 1988 - 1999
  - Scientific Advisor, IT in Construction to the Swedish Building Research Council, 1983-1997
  - Head and founder of of Civil Engineering Computer Center, VDC, at Lund University, 1977 - 1985.
  - Research Education Coordinator at the Civil Engineering School at Lund University, 1977 - 1985
  - Research Assistant, Structural Engineering department, Lund University, 1970- 1977
  - 1977- (Private company) Tekn. Dr. Per Christiansson Ingenjörbyrå HB

### International Journal board membership:

- ITcon. Member of the Editorial Advisory Board of the Electronic Journal of Information Technology in Construction. (Editor Bo Christer Björk). 1995-
- AIEDAM (Cambridge University Press). Member of Editorial Board (1994-)
- ijdc JOURNAL. Member of the Editorial Board of Design Computing International Journal of Design Computing. ISSN 1329-7147 .(General Editor Mary Lou Maher, University of Sydney). 1996 -
- Automation in Construction. (Elsevier Science Publishers BV). (Editor Yehuda Kalay). (1992-2007)
- DESIGN COMPUTING (MIT Press). Member of the International Editorial Board.(Editor Prof. William Mitchell). 1986 - ceased to exist

### International Committees and boards membership:

- ECPPM European Conferences on Product and Process Modeling in the Building Industry. Danish representative in the Steering Committee. 2002-
- CIB-W78. International Council for Building Research Studies and Documentation, Information Technology in Construction. Board member. 1983-

- NBS-DATA. Swedish representative of the Nordic Building Research Cooperation Group (NBS), (Cooperation Organization of the Nordic Building Research Institutes), Working Group for Information Technology (DATA). 1983-1993

Per Christiansson has during the years been member of over 45 *scientific committees* for arranging conferences within IT in Construction, AI in Design, Cooperative design, learning etc. since 1990.

He has since 1995 acted as reviewer of several EU projects within the Information Society Technologies (IST) program as well as evaluator of proposals in several IST calls.

### **Research:**

Per Christiansson's late (since 1985) research and industry collaboration has been mainly within the areas of knowledge representations, knowledge management, system development with end user participation, , user driven innovation and creative design, user environment design, computer supported collaboration, building product and process modeling, human computer interaction, multimedia/VR interfaces, user needs and requirements capture, computer supported distributed learning, intelligent buildings, and incremental system design and prototyping with industry collaboration.

He was scientific IT-in-construction advisor for the Swedish Building Research Council from 1983 - 1997 and was one of the founders of the Swedish national IT Building R&D program 1990 and active in the year 2007 finished national Danish Digital Construction program. Earlier research (1970s) has focused on building dynamics and probabilistic loads and load effects.

He has worked with internationally leading universities and industries during the latest 30 years and has published over 170 scientific reports and articles within the IT in construction domain. He established and run the Civil Engineering Computer Centre 1977 and the KBS-Media Lab 1987 both at Lab at Lund University, and the Building Informatics group at Aalborg University, Denmark, in 1998.

### **Education activities:**

Per Christiansson has except traditional education within civil engineering done pioneering development (1970 -) of courses at Lund University within areas such as; Computer controlled data acquisition, CAD and modelling, AI and knowledge based systems, and hypermedia for knowledge transfer. He is since 1998 engaged in research based education and course development within Building Informatics. Courses were given at the Building Informatics, Civil Engineering, Building Management (and earlier at Architecture&Design) educations at Aalborg Univesity. Building informatics was 2001 to 2006 responsible for the Master of Industrial IT (MII) - Specialization in the Building Process, education at the Aalborg University. 2007 the group developed and launched the Cand. Scient. Techn. Building Informatics/CSTBI at Aalborg University.

Courses and educations are presented at <http://perchristiansson.com/edu/aau/index.html>.

### Selected recent publications:

See also <http://perchristiansson.com/publications/index.html>

Alsdorf M, Christiansson P, Ulrik Dybro U, Pedersen K B, Steffensen K G, Svidt K (2012) "[VIC-MET Virtual Innovation in Construction Method – en metode til brugerinvolvering i byggeprocessen](#)". © Aalborg Universitetsforlag 2012, ISBN 978-87-7112-006-6. ([2012 VICMET skärmversion](#)). (80 pages).

KEYWORDS: User driven Innovation, Functional building systems, Virtual Buildings, collaborative virtual environments.

Christiansson P, Svidt K, Pedersen K B, Dybro U (2011) "[User Participation in the Building Process](#)". *Journal of Information Technology in Construction (ITcon)*, Vol. 16, pg. 309 - 334, <http://www.itcon.org/2011/20>. (25 pages).

KEYWORDS: User driven Innovation, Functional building systems, Virtual Buildings, collaborative virtual environments.

Christiansson P, Dybro U, Svidt K, Pedersen K B (2010) "[ICT-supported end user participation in creative and innovative building design](#)". Proceedings of the 8th European Conference on Product & Process Modelling, University College Cork, Cork, Ireland. 14-Sept to 16-Sept, 2010. *eWork and eBusiness in Architecture, Engineering and Construction – Menzel & Scherer (Eds) © 2010 Taylor & Francis Group, London*, ISBN 978-0-415-60507-6.

KEYWORDS: User driven innovation, methodology, creative, building design, needs, cases.

Christiansson P, Sørensen K B, Steffensen K G, Svidt K (2009) "User driven innovative building design". *Proceedings of the CIB W78, 26th International Conference on 'Managing IT in Construction'*. CRC Press, Balkema. October 1-3 2009, Istanbul Technical University. ISBN 978-0-415-56744-2 (hbk), ISBN: 978-203-85978-0 (eBook) (pp. 333-340).

Christiansson P, Svidt K, Sørensen B (2009) Future integrated design environments, *Journal of Information Technology in Construction (ITcon)*, Vol. 14, Special Issue Next Generation Construction IT: Technology Foresight, Future Studies, Roadmapping, and Scenario Planning, pg. 445-460, <http://www.itcon.org/2009/29>

Christiansson P., Sørensen K. B., Rødtness M., Abrahamsen M., Ostenfeld L. R., Alsdorf M. (2008) "User driven innovation in the building process". *Journal of Tsinghua University-Science and Technology*. Elsevier. Volume 13. Number S1. October 2008. ISSN 1007-0214 40/67. CN 11-3745/N, CODEN TSTEF7. Elsevier. (pp248-254).

Christiansson P. (2007) "ICT Enhanced Buildings Potentials", *Proceedings 24th CIB W78 Conference "Bringing ICT knowledge to work"*. June 26 - 29 2007, Maribor, Slovenia. ISBN 978-961-248-033-2. (pp. 373-378).

Christiansson P, Svidt K (2006) Usability evaluation of mobile ICT support used at the building construction site . *Proceedings of the World IT Conference for Design and Construction, INCITE/ITCSED 2006, 15 - 17 November 2006, New Delhi*. ISBN 81-89809-01-6. (pp. 353-364, Vol.1). [and Keynote presentation].

Christiansson P (2004) ICT supported learning prospects (editorial), *ITcon Vol. 9, Special Issue ICT Supported Learning in Architecture and Civil Engineering* , pg. 175-194. ISSN 1400-6529

Christiansson P., Da Dalto Laurent, Skjaerbaek J. O., Soubra S., Marache M., 2002, " Virtual Environments for the AEC sector - The Divercity experience ". *ECPPM 2002 Proceedings*

*European Conference of Product and Process Modelling. eWork and eBusiness in AEC.*  
(Editors: Ziga Turk, Raimar Scherer). Swets & Zeitlinger Publishers, Lisse The Netherlands.  
ISBN 90 5809 507 X. 9-11 September 2002, Portoroz, Slovenia. (pp. 49-55)

2020.09.01 PC