

- Date of Birth:** 20. November 1958
- Training:** Engineer (M.Sc.), Ph.D. (Organisation)
- Present Position:** Professor Process Management and Innovation,
Chalmers University of Technology, Gothenburg.

Visiting Professor Aarhus University.
- Research Areas:** Management and organization of innovation and technology
focus areas Cleantech, Information Systems, Enterprise
Resource Planning, service processes in Manufacturing,
Construction and Services. Business concepts such as
knowledge management, public private partnerships.
Management of projects.
- Research Management** Co-manager of Centre for Innovation and Business Development
AU 2007-2011.

Project manager of a series of Danish and international project
since 1985. For ex. Project manager of ERABUILD project 2006-
2010. Project manager of Danish parts of EU IST project 2002-
2004 on IT implementation (BEST) and EU TSER project on
innovation networks 1996-99.
- Ph.D Supervision** Finalised supervision of thirteen Ph.D. projects: Sourcing (2008
-2012), Knowledge sharing in product development (2007-2012),
Balanced Strategic Management (2008-2012), Defects in operations
(2006-2012). Management concepts (1996-2000), Safety culture
1997-2004), fall accidents (1999-2002), Knowledge processes in
Construction (2001-2006), Management Innovation (2002-2007)
Project work and Innovation (2004-2007) The constitution of
partnering (2006-2009) Cross organisation transfer of knowledge
(2006-2009) Systemic Innovation (2007-2011). (all with teams of
supervisors).

Ph.D.-courses: Responsible, Rationales of behaviour in
interorganisational relations (AU 2007). Teaching and co-organiser
course on Organizational learning and projects, DOCSOL, DPU
2004. Project management course BYG-DTU, IPL and AaU 2004.
- Academic Tasks** Member of evaluation committees on six Ph.D.- projects at
Lund, Oslo, Ålborg universities and TUD (2001, 2003, 2004, 2007,
2009, 2010). External examiner for Ph.D. Thesis Indian Institute of
Technology (2004). One Edinburgh University (2007). Member
evaluation board one Licentiate thesis at Technical Logistics/Lund
University (2005). Two Licentiate theses at Chalmers University
(2004, 2010).

Chairman evaluation committee professor and assistant professor Aarhus University 2010, and assistant/associate professor Aarhus University 2009. Chairman evaluation committee Ph.D.- project on innovation, DTU (2003). Member, evaluation committee on two associate professor positions at TUD, Department of Management 2008, 2010 BYG.DTU 2004-2005. Member evaluation committee on senior researcher Danish Building Research Institute 2008.

Member Editorial Board for the journals “Construction Management and Economics”, “International Journal of Project and Organisation Management”, “Public Services Management, and Economics”. Member Editorial Advisory Board for “New Technology Work and Employment”.

Reviewer at Construction Management and Economics, Organisation Studies, International Journal of Operations & Production Management, Construction Innovation, International Journal of Project Management, Building Research and Information, Journal of the Association of Information Systems, Journal of Cleaner production, Technology Analysis and Strategic Management, Journal of Manufacturing Technology Management Computer-Aided Civil and Infrastructure Engineering, , Safety Science, Strategic Change, , New Technology Work and Employment, Human Relations, Pressure Vessels and Piping, and others.

Conference organiser at 11th International Workshop on Teamworking 2007, Co-Editor of printed proceedings.

Member of conference committees at 25th International Conference on Computer Applications in Industry and Engineering, CAINE 2012, Nordic Conference on Construction Economics and Organisation 2010-2011, SMART 2012, The First International Conference on Smart Systems, Devices and Technologies, and Association of Researcher in Construction Management ARCOM 2012.

Reviewer at ICIS 2012, International conference of Information systems.

Board Positions: Member of the board of The Danish Institute of Fire and Security Technology 2013- .
Member of the board of the Danish Board of Technology 2008-2011
Member of the board of BIPS, Construction - IT - Productivity - Cooperation 2008-2013 (DK).
Alternate Member, the board of Hydrogene Innovation Research Center HIRC, 2008-2011 (DK).
Member of partnership, Knowledge Center for improved

productivity through digitalization 2010-2011 (DK)

Other Positions: Member of bibliometric committee, Ministry of Science, Technology and Innovation 2007-2011 (DK). Alternate chairman for subcommittee 45, systems- and technology development (2010). Member of governmental committee for knowledge in construction 2008-2009 (Kommissorium for Koordinations og IniativGruppen for Viden I Byggeriet (KIG)(DK).

External Contributions Visiting Professor University of Reading May 2009.
Contributor workshop on Social Study of Software Edinburgh University 2008.
Keynotespeaker 17th Conference International Association of Management of Technology, Dubai 2008.
Talk on “Innovation in project based consulting engineering companies”, Viborg Business Development Council (Viborg Erhvervsråd) 2008.

Employment:

2012- Professor Chalmers University of Technology
Visiting Professor, Aarhus University

2008-2010 Manager of education: M.Sc. Engineering Technologybased Business Development

2007-2011 Professor, Co-manager CIF, HiH, Aarhus University

2005-2007 Research Manager, Building Production, Section for Planning and Management of Building Processes, Dep. of Civil Engineering

1999 - Associate Professor at the Section for Planning and Management of Building Processes, Department of Civil Engineering, Technical University of Denmark (TUD)

1994- Assistant and later Associate Professor at CISTEMA, Centre for multidisciplinary studies of management of technology.
Associate Professor the research programme Work Environment and Technological Development, at the (at present) Department of Manufacturing Engineering and Management DTU.

1990 Consultant.

1985-1990 Consultant and researcher at The Technological Institute. Project manager at a number of projects.

Publications

Covers 2008-2012 and accepted for 2013.

Citations

1. Verified 30 12 2012: 277
2. Google Scholar 25 02 2013: 764
3. Scopus 20 02 2013: 208

H-index= 14 (Google Scholar 25 02 2012)

Articles in International Journals (peer reviewed, 36 published).

1. "Integrated Design Process" a concept for Green Energy Engineering. *Engineering*, Special issue on Green Energy Engineering. Forthcoming. Vol.5 No.3 March 2013. Second Author Henrik Buhl.
2. Knowledge Sharing in Construction Partnering – Redundancy, Boundary Objects and Brokers. *International Journal of Project Organisation and Management*. 2013. Vol 5 no1/2. Pp 156-175. Second Author Christian Thuesen.
3. Strategic Sourcing Development–Emerging Resource Combination and Knowledge Interaction. Accepted for *IMP Journal* 2013. Second Author Claus Jørgensen third author John Bang Mathiesen.31p.
4. A Model of Functional Integration and Conflict – the Case of Purchasing and Production in a Construction Company. Accepted. *International Journal of Operations and Production Management*. 2013 First author Chris Ellegaard. 34 p.
5. Integration Barriers for purchasing organisation in a large construction contractor: towards requisite disintegration. Accepted for *IMP Journal* 2013. First author M. Frödell Second Author Per Erik Josephson.26p.
6. Multiple institutional dynamics of sustainable housing concepts in Denmark – on the role of passive houses. *Sociology Study*. Vol. 2 No. 10. October 2012 .725-741. First Author Martine Buser.
7. The Effects of Low Internal Integration on Suppliers' Resource Mobilization. In press corrected proof available online July 2012. *Journal of Purchasing and Supply Management*. Volume 18, Issue 3, September 2012, Pages 148-158. First Author Chris Ellegaard.
8. Global offshoring - knowledge journeys of three SMEs. *International Journal of Globalisation and Small Business*. Vol. 4, Nos. 3/4, pp.360-379. 2012. First Author Claus Jørgensen. 27 p.
9. Cleantech Niche Development– A Small Business Perspective on Climate Change. *International Journal of Global Warming*. Vol. 4, Nos.3-4. Pp365-382. 2012. Special issue "GCGW-2011 Global Warming Perspectives and New Solutions" Coauthors Wildner M., Foged Sørensen B.
10. Contested overruns and performance of offshore wind power plants. *Construction Management and Economics*. Vol 30 issue 8. pp 609- 622. 2012. Single Author.
11. What did you learn from practice today? Exploring experiences from a Danish R&D effort for digital construction. *Advanced Engineering Informatics*. Volume 23, Issue 3, pp.229-242. 2009. First Author Anita Moum, Third author Tore Haugen.23p.

12. The Superministry approach: Integrated governance of science, technology and innovation with contracted autonomy. *Science and Public Policy*, 35(4), May 2008, pp. 253-264. Single author.

Chapters in edited books (20 published)

1. SMEs De- or Re-Organising knowledge when outsourcing? In Pedersen T., Bals L and Jensen P.Ø. (eds) (forthcoming): *The Offshoring Challenge: Strategic Design and Innovation for Tomorrow's Organization*. Springer. First Author Claus Jørgensen 14 p.
2. Process- och resultatvärdering av ett innovationssystem-fallstudier. I Bröchner J. (ed)(2012): *Bygginnovationens Förutsättningar och Effekter*. Vinnova. Stockholm. Pp 88-95. Single author.
3. Eyes wide shut? Non referring, Loyalty and Practical Moral in Engineering Education. In Hyldgaard S. Mitcham C., Li B. and An, Y.(ed.) (2012): *Engineering, Development, and Philosophy: American, Chinese, and European Perspectives*. Springer. First Author Martine Buser. Pp253-267. 15p.
4. Free and Open Source ERP - distinction, direction, co-existence and potentials. In Rogerio Atem de Carvalho and Björn Johansson (eds) (2012): *Free and Open Source Enterprise Resource Planning: Systems and Strategies*. IGI Publishing, Hershey. Pp 84-101. First Author Torben Tambo.

Conference papers in printed proceedings (132 published)

1. Women at Top level management at Contractors in Denmark and Norway. In Smith S. (2012): *Proceedings of the 28th Annual Conference. Association of Researchers in Construction Management (ARCOM)*. Vol. 1. Pp 262-272. Second Author. First Author Martine Buser.
2. The life and death of a sustainable housing concept? The trajectory of passive houses in Denmark as part of the zero carbon transition. *Proceedings CIB conference Management of Construction: Research to Practice (26 – 29 June 2012)*, Montreal.
3. The Devil in the Detail -The Story of a Sustainable Trail Blazer. In Egbu, C. and Lou, E.C.W. (Eds) (2011). *Proceedings 27th Annual Conference Association of Researchers in Construction Management (ARCOM)*. University of the West of England, Bristol. September 2011. Association of Researchers in Construction Management. Co author Niels Haldor Bertelsen. Pp 1105- 1114.

4. Performing the Transition – Integrated Design Processes in Climate Change Mitigation. Proceedings 27th Annual Conference ARCOM. University of the West of England, Bristol. September 2011. Co author Esben Haubjerg. 10 p.
5. Cleantech take off - A Business Perspective on Climate Change. Proceedings Global Conference on Global Warming-July 2011. Lisbon Portugal. Third author. Coauthors B. Foged, M. Wildner, M. Schjærff. Paper 8 p.
6. Driving Sustainable Innovation in Construction Companies. Proceedings CIB International Conference Management and Innovation for a Sustainable Built Environment - MISBE2011. Amsterdam June 2011. First Author C. Thuesen. 14 p.
7. Involving Employees in Strategy Innovation. Proceedings 12th International CINet Conference Continuous Innovation: Doing More with Less. Aarhus, Denmark, September 2011. First Author Ole Friis. 12 p.
8. When Dinosaurs Dance -Bundled innovation in a Construction Contractors Purchasing. Proceedings 12th International CINet Conference Continuous Innovation: Doing More with Less. Aarhus, Denmark, September 2011. Single Author 12 p.
9. Students as potential innovators in organizations. Proceedings 12th International CINet Conference Continuous Innovation: Doing More with Less. Aarhus, Denmark, September 2011. First Author Martine Buser. Third Author Susanne Jensen. 12 p
10. Cleantech Niche Development. Proceedings 6th Annual International Symposium on Environment, 16-19 May 2011, Athens, Greece. Last author. Coauthors B. Foged, M. Wildner, M. Schjærff. Paper 18 p
11. Designing Clean. In Haugbølle K., Gottlieb S.C., Kähkönen K.E., Klakegg O.J., Lindahl G.A. & Widén K: (eds): Proceedings of the 6th Nordic Conference on Construction Economics and Organisation – Shaping the Construction/Society Nexus. Volume 2: Transforming Practices. Danish Building Research Institute, Aalborg University. 2011. Pp: 329- 240. Coauthor E.L. Haubjerg.
12. Mapping Innovation: Facilitating Innovation in the Danish Construction Industry. In Haugbølle K., Gottlieb S.C., Kähkönen K.E., Klakegg O.J., Lindahl G.A. & Widén K: (eds): Proceedings of the 6th Nordic Conference on Construction Economics and Organisation – Shaping the Construction/Society Nexus. Volume 3: Construction in Society. Danish Building Research Institute, Aalborg University. 2011. Pp 641- 652
13. Revisiting Boundary Objects: ERP and BIM Systems as Multi-Community Artefacts. In Haugbølle K., Gottlieb S.C., Kähkönen K.E., Klakegg O.J., Lindahl G.A. & Widén K: (eds): Proceedings of the 6th Nordic Conference on Construction Economics and Organisation – Shaping the

Construction/Society Nexus. Volume 2: Transforming Practices. Danish Building Research Institute, Aalborg University. 2011. Pp 283- 294.

14. The Effects of Internal Integration on the Mobilization of Supplier Resources. In Proceedings for The 21st Annual North American Research and Teaching Symposium on Purchasing and Supply Chain Management (NARS). March 2011. San Diego. Institute for Supply Chain Management. First Author C. Ellegaard. 17 p.
15. Knowing Strategies - Discussing the role of employee participation. 10th International Research Conference on Quality, Innovation & Knowledge Management, Kuala Lumpur 2011. Pp 11. Coauthors Claus Jørgensen, Ole Friis.
16. Offshoring – cooperation and coordination of knowledge in supply relations. 10th International Research Conference on Quality, Innovation & Knowledge Management, Kuala Lumpur 2011. First Author Claus Jørgensen.
17. Prototyping iPhone Apps: Realistic Experiences on the Device. In Blandford A., Gulliksen J., Hvannberg E.T., Larusdottir M.K. Law E. L-C., Vilhjalmsson H.H. (eds) Nordichi 2010 Extended boundaries. Proceedings of the Sixth Nordic Conference on Human-Computer Interaction. ACM Conference Proceedings Series. ACM Press. New York. First author Jørgensen A.P., second author Matthijs Collard.
18. IT Management: How IT managers gain IT knowledge. In World Academy of Science, Engineering and Technology. Proceedings. 2010. vol. 6, nr. 71, November 2010. Venice, Italy. Main author Søndergård, Jes; co-author Tambo, T.
19. How little do we need to know about Enterprise Resource Planning (ERP)? A critical review of information systems research on ERP. Proceedings of the 33th Information Systems Research Seminar in Scandinavia, Rebild. (pp12) First Author. Coauthors Tambo, T., Olsen, M., 2010.
20. Strategy and business development practices in Danish construction industry SMEs. : Proceedings 26th Annual ARCOM Conference, 6-8 September 2010, Leeds, UK, Association of Researchers in Construction Management, p. 919-928 first author Thuesen, C. ; Third Author Nielsen, J.
21. Closing the blackbox? A status on Enterprise Resource Planning (ERP) studies in information systems research. In Xu S., Du W. and Lee R. (2011) Proceedings 10th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2011) CPS, IEEE. p 409-414. 6p.
22. Enterprise Architecture in the Supply Chain.2010. Proceedings of The 2nd International Workshop on Enterprise Architecture Challenges and Responses. in Proceedings of the 9th IEEE/ACIS International Conference on Computer and Information Science, IEEE Computer Society Press, Japan. pp. 881-886. First Author Torben Tambo.

23. Don Quichotte Reborn? - Managing Offshore Wind Turbine Projects. Kocaoglu D.F., Anderson T.R. & Daim T.U.(eds) Proceedings Portland International Conference for Management of Engineering and Technology. PICMET'10, 2010. Pp 1562-1570. First Author. Coauthor Jes Søndergaard.
24. Beyond the Design Fix - New Industrialisation in Contractor's Supplier Relationships. In Barrett P., Amaratunga D., Haigh R., Keraminiyage K., & Pathirage C, (eds)(2010) Building a Better World. CIB World Congress 2010. Full Paper Proceedings. CIB. First Author. Coauthors. Frödell, M., Josephson, P. E. & Kähkönen, K. 13p.
25. Between Fit and Misfit –Small Contractors Using Mobile Technology. In Barrett P., Amaratunga D., Haigh R., Keraminiyage K., & Pathirage C, (eds) (2010) Building a Better World. CIB World Congress 2010. Full Paper Proceedings. CIB. Coauthors Tambo, T. & Buser, M.
26. Strategic Change in a Construction Contractor's Purchasing Organisation and Supplier Relations. In Proceedings of the 3rd International Conference on Information Systems, Logistics and Supply Chain Creating value through green supply chains ILS 2010 – Casablanca (Morocco), April 14-16 2010. Coauthor Torben Tambo.9p.
27. Green at any cost? - managing large scale energy projects. Ezzat, Hosni & Khalil T. (eds) (2010) Proceedings 19th International Conference on Management of Technology (IAMOT), "Technology as the Foundation for Economic Growth". Cairo. Pp 17.
28. Hand in glove? Small building contractors, mobile technology and innovation. Ezzat, Hosni & Khalil T. (eds) (2010): Proceedings of the 19th International Conference on Management of Technology, Cairo. First author Buser, M. coauthor Tambo, T. (pp18).
29. Small and local until it hurts? –Architects and Engineers development in a Professional knowledge industry. Ceric A. & Radujkovic M. (eds) Construction facing worldwide challenges Proceedings Joint International Symposium W055 Building Economics and W065 Organization and Management of Construction, CIB conference Dubrovnik 2009. Pp. 651-661. Coauthor Martine Buser.
30. Small Public Private Partnerships: The answer to local public and private needs, yet an ugly duckling? Ceric A. & Radujkovic M. (eds) Construction facing worldwide challenges Proceedings Joint International Symposium W055 Building Economics and W065 Organization and Management of Construction, CIB- conference Dubrovnik 2009. Pp.1098-1108. Coauthor Jesper Ole Jensen.
31. Situational Affordance – Appreciating human Interpretations in New Product Development. Proceedings of the 18th International Conference on Management of Technology, Orlando. 12p First Author John Bang Mathiassen.

32. Project configured supply networks: Governance of delivery and failures in operations. In Carter K., S.Ogunlana & A. Kaka(eds)(2008): *Transformation Through construction*. Proceedings from Joint CIB WO65/WO55 symposium. Heriot Watt University. Dubai. Single author. 11p
33. Institutionalized Technological Foresight -Methods, Impact and Role in policy making and business development. In Abu Hijleh B., M. Arif, T. Khalil, Y.Hosni (eds)(2008): Proceedings of the 17th International Conference on Management of Technology. IAMOT. Coauthors Hans Henrik Hansen & Jens Jensen. 15p.
34. Mastering the political Process of Building Innovation Networks – A Case from the Danish Construction Industry. In Abu Hijleh B.,M. Arif, T. Khalil, Y.Hosni (eds)(2008): Proceedings of the 17th International Conference on Management of Technology. IAMOT. First author Jens Jensen. 12p
35. Conceptual innovation in Construction -Mass customisation and the Customer Order Decoupling Point as silver bullets In Abu Hijleh B.,M. Arif, T. Khalil, Y.Hosni (eds)(2008): Proceedings of the 17th International Conference on Management of Technology. IAMOT. First author Osama Hanza. 21p.

Books, Reports and pamphlets (55 published 1985-2011)

1. New Industrialisation in Supply- Balancing project configuration and long term stability through partnerships. Final report Erabuild project. Institute for Business and Technology. Aarhus University, Herning. 108p.
2. Best Practice for OPP'er om Veje og Infrastruktur. Report, Aarhus University – Institute of Business and Technology, Herning, Denmark. (2010) 38p.Second Author Haubjerg.
3. Best Practice i Små OPP'er. Report, Aarhus University – Institute of Business and Technology, Herning, Denmark. 2010- Second author Haubjerg. E. 21 p.
4. PPP in Germany, Education, Sport and Roads. Report Aarhus University – Institute of Business and Technology, Herning, Denmark, First Author Jensen J.O., Second author Haubjerg. E. 29 p.
5. PPP in Italy, Parking, Cemeteries, Healthcare and Infrastructure. Report, Aarhus University – Institute of Business and Technology, Herning. (2010) Second author Haubjerg. E. 35p.
6. Decisions on Shaping Enterprise Resource Planning – from picking a hammer to living a community. Ph.D.thesis. Tilburg University. 2010. 59 p.
7. Hvordan arbejder virksomheder i byggebranchen med forretningsudvikling?

(2010)

First Author Jesper Nielsen. Coauthor Christian Thuesen. Quo Vadis. København. 73 pp.

8. Slutrapport, Procevaluering Det Digitale Byggeri 2004 – 2007. Gain 3. 98pp. Coauthors Tore Haugen & Jens Stissing Jensen.
9. Nye informations- og kommunikationssystemer på byggepladsen. Rapport 2. Internationale Erfaringer. BYG-DTU. BYG rapport R-133, ISBN 87-7877-204-4. With Buser M., Koch C. & Larsen C.S. 92 p.

Other articles, conference papers and papers (101 pieces)

1. Let's see the bones – Interoperability and Information Infrastructure at display. Paper for Workshop on Innovation in Information Infrastructures (III 2012). October 9-11, 2012, Edinburgh, UK. Single Author.
2. Multiple dynamics of sustainable housing concepts in Denmark – on the role of passive houses. in International Conference on Sustainable Transition, IST 2012, Track E Theory Development and Critical Perspectives pp 283-307. Coauthor Martine Buser.
3. Creative destruction of a sustainable housing concept? The journey of passive houses in Denmark as part of the zero carbon transition. Paper accepted for ARCOM conference 2012. Second Author Martine Buser. 10p.
4. I am useless, but not for long... - Students as innovators in enterprises. paper prepared for EGOS 2011 Sub-theme 12: Revisiting Innovation: Reassembling Spaces and Actors in Organizations. Gothenborg. July.
5. The Surprisingly orderly world of multi-community artefacts. Paper prepared for Workshop on Building theorised research designs biographies of artefacts and practices approach, Society for Social Studies of Science (4S) Tokyo 2010. Coauthor Christopher Harty.
6. Advance and Retreat? -Associating and translating Public Private Partnerships in Denmark Paper presented at research workshop "Management Consultants and Public Sector Transformation", New Public Sector Seminar, Edinburgh, 11-12 November 2010 Edinburgh.
7. Combat, Cohabitation or Combined mutual Enforcement -the coexistence of strategy institutions in a textile company. Paper prepared for 26th EGOS Colloquium, Lisbon 2010; sub-theme 5 Strategy-as-Practice: Institutions, strategizing activities and practices. First author Ole Friis. 23 pp.
8. For Goodness Sake? Accidents in construction between culture and normativity, uniqueness and generality. Paper for Constructions Matter 2010, CBS, Copenhagen

9. Knowledge Sharing in Partnering – Redundancy, Boundary Objects and Brokers. Paper presented at The 3rd Annual Copenhagen Conference on Partnerships - Creating Value through Knowledge Sharing in Inter-organizational Partnerships. CBS. Copenhagen, Second Author Christian Thuesen, 35p.
10. A long and winding road -Public Private Partnerships in Denmark as hesitant innovation. Paper for the EGOS 2009 conference. Co-author Martine Buser. 18 p.
11. Enterprise Resource Planning- Purchasing Occasionalised and Despatialised. Paper for the CAMS 2009 seminar, Skagen. 17 p.
12. Mobile Technology, Mobility and “In-Between” Facing the Barriers of Construction. EGOS 2008. Amsterdam. Single Author. 17p
13. Surveillance and Management Repertoires in Distributed Forms of Organisations. EGOS 2008, Amsterdam 21 p. First author Martine Buser.