Christian Thuesen - DTU Orbit (14/03/2019)
Thuesen, Christian
chtth@dtu.dk
Department of Management Engineering - Associate Professor
Engineering Systems

Research outputs:

10 questions concerning sustainable building renovation
Research output: Research - peer-review › Journal article – Annual report year: 2018

A call for action: Constructing solutions for the sustainable development goals
Research output: Research - peer-review › Paper – Annual report year: 2018

A new framework for construction project definition stage
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Construction transformation
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

Disrupting the ecosystem: The challenges of circular construction
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

Identifying Disruptive Technologies in Design: Horizon Scanning in the Early Stages of Design
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Institutional Logics and Hybrid Organizing in Public-Private Partnerships
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Is construction ripe for disruption?
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Learning from Digitalised Industries: Designing Value Propositions for Disruption
Research output: Research - peer-review › Paper – Annual report year: 2018

Murmuration as Metaphor for Sustainable Innovation processes
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018
Supporting sustainable construction with sustainable business models
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

Being, doing and leading in the project society
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Educating reflective practitioners in large classrooms
Geraldi, J. & Thuesen, C. 2017 Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Research output: Research - peer-review › Book – Annual report year: 2017

Modularising design processes of façades in Denmark: re-exploring the use of design structure matrix
Research output: Research - peer-review › Journal article – Annual report year: 2017

Prerequisites for Successful Strategic Partnerships for Sustainable Building Renovation
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

The Global Goals for Sustainable Development in Engineering Education
Thuesen, C. & Geraldi, J. 2017 Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Byggeriet skal gøre en større forskel
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2016

Organising Sustainable Transition: Understanding the Product, Project and Service Domain of the Built Environment
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Reinventing the Hospital – A Study of Lost Synergies in Danish Healthcare
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Sustainable Building in Scandinavia: Directions of Innovations for Supporting the Transition
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

The projectification of everything: Projects as a human condition
Research output: Research - peer-review › Journal article – Annual report year: 2016
Exploring Factors of Successful Tendering Practices using Qualitative Comparative Analysis (QCA): The Study of Organizational Repetitions
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

It’s Just Rocket Science, Not Project Management
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Mapping practices of project management – merging top-down and bottom-up perspectives
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Public acceptance of wind farm development: Developer practices and review of scientific literature: Wind2050 WP3 Deliverable 1
Research output: Research › Report – Annual report year: 2015

InnoBYG case-samling fra udviklingsprojektet Bæredygtige Forretningsmodeller
Research output: Research › Report – Annual report year: 2014

Understanding Complex Construction Systems Through Modularity
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Conceptualizing the use of system products and system deliveries in the building industry
Research output: Research - peer-review › Book chapter – Annual report year: 2013

Enabling Mass Customization in Construction – Making the long tail work
Research output: Research - peer-review › Book chapter – Annual report year: 2013

Interactive Configuration of High Performance Renovation of Apartment Buildings by the use of CSP
Research output: Research - peer-review › Book chapter – Annual report year: 2013

Interactive Configuration of High Performance Renovation of Apartment Buildings by the use of CSP
Vareilles, E., Thuesen, C., Falcon, M. & Aldanondo, M. 2013
Research output: Research › Sound/Visual production (digital) – Annual report year: 2013
Knowledge sharing in construction partnering projects - redundancy, boundary objects and brokers
Research output: Research - peer-review › Journal article – Annual report year: 2014

Knowledge Sharing In Construction Partnering - Redundancy, Boundary Objects and Brokers
Koch, C. & Thuesen, C. L. 2013 In : International Journal of Project Organisation and Management. 5, 1/2
Research output: Research - peer-review › Journal article – Annual report year: 2011

Mapping Best and Emerging Practices of Project Management
Research output: Research - peer-review › Book chapter – Annual report year: 2013

Modularization in the construction industry using a top-down approach
Research output: Research - peer-review › Journal article – Annual report year: 2013

Observed benefits from product configuration systems
Research output: Research - peer-review › Journal article – Annual report year: 2013

Organizing Construction Practices in Different Cultural Contexts
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Understanding Project Based Production through Socio-technical Modularity
Research output: Research - peer-review › Paper – Annual report year: 2013
Understanding the Modularity of Socio-technical Production Systems
Thuesen, C. L. 2012 30 p.
Research output: Research - peer-review › Paper – Annual report year: 2013

Construction sector development: frames and governance responses
Jensen, J. S., Gottlieb, S. C. & Thuesen, C. L. 2011 In : Building Research and Information. 39, 6, p. 665-677
Research output: Research - peer-review › Journal article – Annual report year: 2011

DRIVING SUSTAINABLE INNOVATION IN CONSTRUCTION COMPANIES
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Efficient on-site construction: learning points from a German platform for housing
Thuesen, C. L. & Hvam, L. 2011 In : Construction Innovation. 11, 3, p. 338-355
Research output: Research - peer-review › Journal article – Annual report year: 2011

Indicators for Building Process without Final Defects: Methodology and Theoretical Foundation
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Indicators for Building Process without Final Defects -: methodology and theoretical foundation
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

MAPPING INNOVATION: FACILITATING INNOVATION IN THE DANISH CONSTRUCTION INDUSTRY
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

MAPPING INNOVATION: FACILITATING INNOVATION IN THE DANISH CONSTRUCTION INDUSTRY
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Modules in historic building construction according to the Copenhagen Building Code
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Styrkelse af dansk byggeris innovationssystem
Research output: Research › Report – Annual report year: 2011

Understanding Socio Technical Modularity: reinterpreting modularity from Actor Network Theory
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011
Bæredygtige forretningsmodeller
Thuesen, C. L. 2010
Research output: Communication › Poster – Annual report year: 2010

Hvordan arbejder virksomheden i byggebranchen med forretningsudvikling?
Research output: Research › Report – Annual report year: 2010

Leveraging Economy of Scale across Construction Projects by Implementing Coordinated Purchasing
Thuesen, C. L. 2010 CIB Proceeding.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Strategy and business development practices in Danish construction industry SMEs.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Building a design community for sustainable homes through configuration and open innovation
Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

KNOWLEDGE SHARING IN PARTNERING: – REDUNDANCY, BOUNDARY OBJECTS AND BROKERS
Koch, C. & Thuesen, C. L. 2009
Research output: Research › Paper – Annual report year: 2009

Making the long tail work: reflections on the development of the construction industry the past 25 years
Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

Netværksbaseret brugerdrevet forretningsmodel for bæredygtige boliger
Thuesen, C. L. 2009
Research output: Communication › Sound/Visual production (digital) – Annual report year: 2009

Platforms as vehicles for systemic innovation in construction - Learning points from a successful implementation of platform for house building in Germany
Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

The Long Tail and Innovation of New Construction Practices: Learning Points from Two Case Studies
Research output: Research - peer-review › Book chapter – Annual report year: 2009

Anvendelse af den rette viden - et studie af byggeriets kulturelle organisering
Thuesen, C. L. Jan 2007
Research output: Research › Ph.D. thesis – Annual report year: 2007

Knowledge Utilization in Projects – a Practice-based
Thuesen, C. 2005
Research output: Research › Conference abstract for conference – Annual report year: 2005

The Process of Partnering; Gluing Contracts, Organising and Financing together
Knowledge Management at Contractors – Developing communities of practice to support the reuse of Knowledge
Research output: Research - peer-review › Article in proceedings – Annual report year: 2002

The beauty and the beast? Creativity and knowledge management in building design
Research output: Research - peer-review › Article in proceedings – Annual report year: 2002

Projects:

**Strategic Partnerships in the municipality of Copenhagen.**
Thuesen, C. & Berg, J. B.
01/01/2017 → 31/12/2021
Project: Research

**Anchoring, quantifying and implementing sustainability in the Danish building industry - The development of a robust tool to embed social sustainability**
Larsen, N. B., Jensen, L. B., Dyring, C. & Thuesen, C.
Industrial PhD
01/08/2018 → 31/07/2021
Project: PhD

**Application of Product Configuration Systems in Engineering Companies**
Samfinansieret - Andet
15/11/2014 → 14/11/2017
Project: Research

**Advanced Digital Design and Design Automation in the Construction Industry**
Oehmen, J., Pikas, E. & Thuesen, C.
MADE - Manufacturing Academy of Denmark, NCC
01/12/2017 → 01/12/2019
Project: Research

**Disruptive technologies in design**
Ernstsen, S. K., Maier, A., Larsen, L. R. & Thuesen, C.
Industrial PhD
01/01/2017 → 31/12/2019
Project: PhD

**Udvikling af systemleverancer hos entreprenører**
ErhvervsPhD-ordningen VTU
01/01/2010 → 22/11/2013
Project: PhD

**Videnledelse i praksisfællesskaber i byggeproduktion**
Thuesen, C., Koch, C., Møgelhøj, T., Bonke, S. & Elkjaer, B.
Ansat eksternt
01/03/2002 → 29/01/2007
Project: PhD
Radical improvements in sustainable building renovation based on new forms of collaboration and business models
Berg, J. B., Thuesen, C. & Jensen, P. A.
Forskningsrådsfinansiering
01/08/2016 → 25/12/2019
Project: PhD

Radical innovation of sustainable building
Koch-Ørvad, N., Thuesen, C., Berker, T. & Koch, C.
Technical University of Denmark
01/09/2015 → 05/04/2019
Project: PhD

Assessing the Capabilities of Advanced Risk Methods for Engineering Systems Management
Tegeltija, M., Oehmen, J., Kozin, I., Thuesen, C., Steinert, M. & Sahlin, U.
Technical University of Denmark
01/02/2015 → 06/09/2018
Project: PhD

Application of Product Configuration Systems in Engineering Companies
Kristjanssdottir, K., Hvam, L., Mortensen, N. H., Thuesen, C., Jensen, L. J. & Anisic, Z.
Samfinansieret - Andet
15/11/2014 → 06/03/2018
Project: PhD

Improving Quality and Productivity in Construction by reusing similarities in Products, Processes and Organizations
Industrial PhD
01/12/2013 → 23/03/2017
Project: PhD

Requirements management with multiple product platforms
Bonev, M., Hvam, L., Mortensen, N. H., Thuesen, C., Elgh, F. & Jensen, L. J.
Institut, samfinansiering
01/10/2011 → 21/05/2015
Project: PhD

Formative phases of technology specific innovation systems - regions' role in H2&FC development
Tanner, A. N., Andersen, M. M., Andersen, P. D., Borrás, S., Borup, M., Thuesen, C., Boschma, R. & Winther, L.
DTU-lønnet stipendie
15/09/2008 → 25/06/2012
Project: PhD

Byggeriets Innovationssystem: Styrkelse af dansk byggeris innovationssystem
Thuesen, C.
01/04/2009 → 31/12/2010
Project: Research

InnoBYG: Innovation network for energy efficient and sustainable construction
Thuesen, C., Maslesa, E. & Arnklit, S. R.
01/06/2010 → 30/06/2014
Project: Research

Kompetence og kvalifikationsprofiler for den moderne byggeproduktionsingeniører
Koch, C. & Thuesen, C.
Sam.arb.aftaler, Private danske - Andre virksomheder
01/01/2001 → 01/01/2002
Project: Research
Activities:

BLOXHUB (External organisation)
Thuesen, C. (Member)
1 Jan 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Technical University of Denmark (External organisation)
Thuesen, C. (Chairman)
1 Jan 2015 → 31 Dec 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

The Industrial PhD Programme Committee (External organisation)
Thuesen, C. (Vice-chairman)
1 Jan 2014 → 31 Dec 2019
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

InnoBYG (External organisation)
Thuesen, C. (Participant)
1 Jun 2010 → 31 May 2014
Activity: Membership › Board duties in companies, associations, or public organisations

Prizes:

Best paper award at the 25. ARCOM conference September 2009.
Christian Thuesen (Recipient), 10 Sep 2009
Prize: Prizes, scholarships, distinctions

CIOB Award
Nina Koch-Ørvad (Recipient), Christian Thuesen (Recipient), Christian Koch (Recipient) & Thomas Berker (Recipient), 4 Sep 2018
Prize: Prizes, scholarships, distinctions

Project Management Journal Paper of the Year Award 2017
Christian Thuesen (Recipient), Joana Geraldi (Recipient) & Anders Fogh Jensen (Recipient), 26 Jun 2017
Prize: Prizes, scholarships, distinctions

The Paul Townsend Commemorative Award
Sidsel Katrine Ernstsen (Recipient), Christian Thuesen (Recipient) & Anja Maier (Recipient), 4 Sep 2018
Prize: Prizes, scholarships, distinctions

Press clippings:

‘Tiny homes’ fra Airbnb kan disrupte byggeriet
Sidsel Katrine Ernstsen, Nina Koch-Ørvad & Christian Thuesen
28/02/2019
1 media contribution
Press/Media: Press / Media

Nyt OUH: Chefflugt kan blive dyrt
Christian Thuesen
29/05/2017
1 media contribution
Press/Media: Press / Media