Christian Thuesen - DTU Orbit (04/05/2019)

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Department of Technology, Management and Economics - Associate Professor
Innovation
Engineering Systems

Research outputs:

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

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

A new framework for construction project definition stage
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Construction transformation
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2018 › Research › peer-review

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

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

Institutional Logics and Hybrid Organizing in Public-Private Partnerships
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Is construction ripe for disruption?
Research output: Contribution to conference › Paper – Annual report year: 2018 › Research › peer-review

Learning from Digitalised Industries: Designing Value Propositions for Disruption
Research output: Contribution to conference › Paper – Annual report year: 2018 › Research › peer-review
Murmuration as Metaphor for Sustainable Innovation processes
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Supporting sustainable construction with sustainable business models
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2018 › Research › peer-review

Being, doing and leading in the project society
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

Educating reflective practitioners in large classrooms
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2017 › Research › peer-review

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

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

Prerequisites for Successful Strategic Partnerships for Sustainable Building Renovation
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

The Global Goals for Sustainable Development in Engineering Education
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2017 › Research › peer-review

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

Organising Sustainable Transition: Understanding the Product, Project and Service Domain of the Built Environment
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review
Reinventing the Hospital – A Study of Lost Synergies in Danish Healthcare
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

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

The projectification of everything: Projects as a human condition
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Complexity Management for Projects, Programmes, and Portfolios: An Engineering Systems Perspective
Research output: Book/Report › Report – Annual report year: 2015 › Research

Exploring Factors of Successful Tendering Practices using Qualitative Comparative Analysis (QCA): The Study of Organizational Repetitions
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

It's Just Rocket Science, Not Project Management
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

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

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

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

Understanding Complex Construction Systems Through Modularity
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

Conceptualizing the use of system products and system deliveries in the building industry
Enabling Mass Customization in Construction – Making the long tail work
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2013 › Research › peer-review

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

Knowledge sharing in construction partnering projects - redundancy, boundary objects and brokers
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Mapping Best and Emerging Practices of Project Management
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2013 › Research › peer-review

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

Organizing Construction Practices in Different Cultural Contexts
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Pride and Prejudice – Identity and Collaboration in Construction
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review
Rethinking the Business Model in Construction by the Use of Off-Site System Deliverance: Case of the Shaft Project
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Stepwise modularization in the construction industry using a bottom-up approach
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Using a Configuration System to Design Toilets and Place Installation Shafts
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Det som de andre ikke kan kopiere. Kronik
Research output: Contribution to journal › Contribution to newspaper - Newspaper article – Annual report year: 2013 › Communication

Understanding Project Based Production through Socio-technical Modularity
Research output: Contribution to conference › Paper – Annual report year: 2013 › Research › peer-review

Understanding the Modularity of Socio-technical Production Systems
Research output: Contribution to conference › Paper – Annual report year: 2013 › Research › peer-review

Construction sector development: frames and governance responses
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

DRIVING SUSTAINABLE INNOVATION IN CONSTRUCTION COMPANIES
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2011 › Research › peer-review

Efficient on-site construction: - learning points from a German platform for housing
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

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

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

MAPPING INNOVATION: FACILITATING INNOVATION IN THE DANISH CONSTRUCTION INDUSTRY
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2011 › Research › peer-review
Netværksbaseret brugerdrevet forretningsmodel for bæredygtige boliger
Thuesen, C. L., 2009
Research output: Non-textual form – Sound/Visual production (digital) – Annual report year: 2009 – Communication

Platforms as vehicles for systemic innovation in construction - Learning points from a successful implementation of platform for house building in Germany

The Long Tail and Innovation of New Construction Practices: Learning Points from Two Case Studies

Anvendelse af den rette viden - et studie af byggeriets kulturelle organisering
Thuesen, C. L., Jan 2007

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

The Process of Partnering; Gluing Contracts, Organising and Financing together

Knowledge Management at Contractors – Developing communities of practice to support the reuse of Knowledge

The beauty and the beast? Creativity and knowledge management in building design

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
Application of Product Configuration Systems in Engineering Companies
Kristjánsdóttir, K., Hvam, L., Mortensen, N. H., Thuesen, C., Anisic, Z. & Jensen, L. J.
Samfinansieret - Andet
15/11/2014 → 14/11/2017
Project: PhD

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-ordenningen 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., Rosati, F., THOMASSEN, M. A. & Chan, P. W.
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
Kristjánsdóttir, 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 byggeproduktsionsingeniører
Koch, C. & Thuesen, C.
Sam.arb.aftaler, Private danske - Andre virksomheder
01/01/2001 → 01/01/2002
Project: Research

Activities:

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

Technical University of Denmark (External organisation)
Christian Thuesen (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)
Christian Thuesen (Vice-chairman)
1 Jan 2014 → 31 Dec 2019
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

InnoBYG (External organisation)
Christian Thuesen (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:**

**Ekspert: Herlev-udfordringer er ud over det sædvanlige**
Christian Thuesen
12/04/2019
1 item of media coverage
Press/Media: Press / Media

**Entreprenør til staten: Mere bæredygtighed**
Christian Thuesen
04/04/2019
1 media contribution
Press/Media: Press / Media

**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

**Waste of public money: Super hospitals**
Christian Thuesen
21/09/2015
4 media contributions
Press/Media: Press / Media