Research outputs:

The importance of visuals in communicating engineering knowledge to architects
Research output: Research - peer-review › Journal article – Annual report year: 2019

A review of current work with social sustainability in the built environment
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

How does sustainability certification affect the design process? Mapping final design projects at an architectural office
Research output: Research - peer-review › Journal article – Annual report year: 2018

Informing Sustainable Architecture
Research output: Research › Book – Annual report year: 2018

Informing sustainable architecture: Introduction
Research output: Research › Book chapter – Annual report year: 2018

Integrated design processes – a mapping of guidelines with Danish conventional 'silo' design practice as the reference point
Research output: Research - peer-review › Journal article – Annual report year: 2018

Introduction
Research output: Research › Book chapter – Annual report year: 2018

LCA in early design phases
Research output: Research › Book chapter – Annual report year: 2018

LCA in the early design phases
Research output: Research - peer-review › Book chapter – Annual report year: 2018

Social Sustainability: If it doesn't have a number it doesn't exist
Research output: Research › Book chapter – Annual report year: 2018

Tools for social sustainability into structural engineering
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

How to foster a High-Tech entrepreneurial mind-set – A multidisciplinary engineering course for Bachelor students
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017
Integrated Energy Design and Life Cycle Assessment in Design Processes for Refurbishment
Research output: Research - peer-review › Conference article – Annual report year: 2017

Process optimization on ambitious sustainability goals through the framework of DGNB
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Sustainability Gains from combining LCA and Parametric Design in Early Design Phases of Structural Design
Research output: Research - peer-review › Paper – Annual report year: 2017

Beskrivelse af borepladsen
Research output: Commissioned › Report chapter – Annual report year: 2016

Beskrivelse visuel påvirkning
Research output: Commissioned › Report chapter – Annual report year: 2016

Effekter på landskab og trafik
Research output: Commissioned › Report chapter – Annual report year: 2016

Expansion in Number of Parameters - Simulation of Energy and Indoor Climate in Combination with LCA
Research output: Research - peer-review › Paper – Annual report year: 2016

Expansion of Numbers of Parameters: Simulation of Energy and Indoor Climate in Combination with LCA
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Faser i skifergas produktionen
Research output: Commissioned › Report chapter – Annual report year: 2016

Mapping one year’s design processes at an architecture firm specialized in sustainable architecture- How do sustainability certification systems affect design processes?
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Mapping one year’s design processes at an architecture firm specialized in sustainable architecture - How do sustainability certification systems affect design processes?
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Sustainability certification systems as guidelines for early-phase urban design processes
Research output: Research - peer-review › Journal article – Annual report year: 2016

Videnskabelig udredning af international viden om skifergas relateret til en dansk kontekst: DTU, GEUS, DCE
Research output: Commissioned › Report – Annual report year: 2016

Learning from the Masters: Architectural History and history of technology and architectural engineering in relation to structural design education
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Quantifying Sustainability in Architecture
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Students as agents – connecting faculty with industry and creating collaborative projects
Research output: Research - peer-review › Journal article – Annual report year: 2015
Sustainability through hands-on experience: Solar Decathlon
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Creating an information quantum leap in early design phases
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Post internship student-industry collaborative projects - as vehicle for the realization of challenging parts of the CDIO syllabus
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Proceedings of the 3rd International Workshop on Design in Civil and Environmental Engineering
Research output: Research - peer-review › Book – Annual report year: 2014

Quantitative and creative design tools for urban design in cold and windy climates
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Report for the 2014 DCEE Working Group Meeting
Research output: Research - peer-review › Book chapter – Annual report year: 2014

The Potential of the Technical University of Denmark in the Light of Sustainable Livable Cities
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Reflections on How DGNB(UD) Certification Standards Effect Design Methods
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Report for Working Group 2: Design Education in Civil and Environmental Engineering
Research output: Research › Book chapter – Annual report year: 2013

Integrated Energy Design in Master Planning
Research output: Research › Ph.D. thesis – Annual report year: 2012

Integrated Energy Design of the Building Envelope
Research output: Research › Ph.D. thesis – Annual report year: 2012

Investigation of Architectural Strategies in Relation to Daylight and Integrated Design: A Case Study of Three Libraries in Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2012

Bridgescaping - Contextual Structural Design
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Energy renovation of listed buildings
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Integrated Structural Design Education
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Mutual Workshops enhancing Curriculum Integration
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011
Obstacles and New Opportunities for Integrated design
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Quantifying the potential of automated dynamic solar shading in office buildings through integrated simulations of energy and daylight
Research output: Research - peer-review › Journal article – Annual report year: 2011

COMPARISON AND CLASSIFICATION OF DESIGN BUILD PROJECTS IN DIFFERENT ENGINEERING BACHELOR PROGRAMS
Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

Green cottages of tomorrow
Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

The problem of scale in design-implement experiences in civil engineering
Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

B 150 civil engineering futures: The 150th anniversary celebrations of the study of civil engineering in Denmark
Research output: Research - peer-review › Book – Annual report year: 2008

Cecil Balmond: Structure as concept, concept as structure
Research output: Communication › Book chapter – Annual report year: 2008

Chris McCarty: Active, high-performance materials inspired by nature
Research output: Communication › Book chapter – Annual report year: 2008

Futures of civil engineering
Research output: Research - peer-review › Book – Annual report year: 2007

Ian Ritchie: Structural glazing and beyond
Research output: Communication › Book chapter – Annual report year: 2008

konstruktionsfornuft tilsat magi
Research output: Communication › Journal article – Annual report year: 2008

Richard Horden: Touch the earth lightly
Research output: Communication › Book chapter – Annual report year: 2008

Thomas Harzog: Interdisciplinarity and low-energy buildings
Research output: Communication › Book chapter – Annual report year: 2008

Werner Sobek: Advanced aesthetics and research into terra incognita
Research output: Communication › Book chapter – Annual report year: 2008

CDIO projects at BYG DTU Architectural Engineering: Two traditions and one evolving
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

Recent developments in Structural Engineering, Mechanics and Computation: BLOBS AND IDEAL SPATIAL STRUCTURES–The context of ideal spatial structures
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007
Ideal Structures & Urban Context: Strategy for integration of ideal spatial structures and place: Virum Sports Hall designed by Finn Monies and Jørgen Nielsen
Research output: Research - peer-review › Article in proceedings – Annual report year: 2006

Naturvidenskab og 'det andet': Historiografiske vinkler på dansk glas arkitektur
Research output: Research - peer-review › Journal article – Annual report year: 2006

Architectural Magazine B: Details
Research output: Research - peer-review › Book – Annual report year: 2005

Forsøg og symbiose: Naturvidenskab og naturromantik - en dialog i moderne arkitektur
Research output: Research - peer-review › Book – Annual report year: 2005

The Dilemma of the Door in the Glass House
Research output: Research - peer-review › Book chapter – Annual report year: 2005

Arkitekten: Klimadynamisk modernisme
Research output: Communication › Journal article – Annual report year: 2004

DTU Campus 1929-1960: Den Polytekniske lærenstals bygningshistorie
Research output: Communication › Book chapter – Annual report year: 2004

Suburbia and Social Democracy: The golden age of Danish 'Modernism'
Research output: Research - peer-review › Journal article – Annual report year: 2003

Dansk Arkitektur - årgang 2000: Musholm Bugt Ferie- og fritidscenter
Research output: Research - peer-review › Book chapter – Annual report year: 2002

Resumé af gruppernes ideoplæg
Research output: Communication › Book chapter – Annual report year: 2001

Ready-mades: Outline of some Strategies concerning the Massproduced Detail
Research output: Research - peer-review › Article in proceedings – Annual report year: 1996

Projects:

Anchoring, quantifying and implementing sustainability in the Danish building industry - The development of a robust tool to embed social sustainabili ty
Project: PhD

Member of Research and Evaluation Committee commissioned by Municipality of Copenhagen: Noise Screen Tagensvej
Project: Research

Innovations in Interdisciplinary Research in Built Environment within the Baltic Sea Region
Project: Research

Digital tools for landscape architects: A case study of digital tools used for analyzing and screening climate adaptation challenges in the early design phase
Project: Research

Udvikling af metode til integreret bæredygtigt design
Project: PhD
Bæredygtighed ved renovering af eksisterende byggeri
Project: PhD

Integriteret energidesign af klimaskærmen
Project: PhD

Alternative Asker i Beton - Ny æstetisk og Byggeteknisk Performance
Project: PhD

The architectural transition between stations and urban spaces, seen from a safety point of view
Project: PhD

Integriteret energidesign i masterplanning
Project: PhD

Architectural Engineering til superlative konstruktioner
Project: PhD

Integration of CFD in Structural and Architectural Wind Engineering
Project: PhD

Civil Engineering Futures - International Lecture Series (and publication of Book).
Project: Research

Industriens fond - højteknologisk innovation
Project: Research

Industrial PhD Development of method for Integrated sustainability design
Project: Research

Erasmus - BelInterBaltic
Project: Research

Nordic Built STED - Sustainable Transformation and Environmental Design
Project: Research

Arkitektur og landskab: seminar om store konstruksjoner kontekst
Project: Research

Integrated Concept Design – INCLUDE framework
Project: Research

Spatial Adaptable Rapidly Erectable Building Systems
Project: Research

Urbanisation and Infrastructure in the Arctic - Challenges from a Sustainable Perspective
Project: Research

Third International Workshop on Design in Civil and Environmental Engineering
Project: Research
Solarmapping as part of a refurbishment design process
Project: Research

Solar decathlon 2012 : Team DTU Denmark
Project: Research

Activities:

Member of the PhD Assessment Committee, DTU Representative. (External organisation)
Activity: Membership › Membership in review committee

Project evaluation committee for Technology Foundation STW (External organisation)
Activity: Membership › Membership in review committee

3rd International Workshop on Design in Civil and Environmental Engineering
Activity: Attending an event › Participating in or organising a conference

ARTEK Event 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Member of the PhD Assessment Committee, Aalborg University (External organisation)
Activity: Membership › Membership in review committee

Member PhD assessment Committee Aalborg University (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Member of the PhD Assessment Committee, DTU Representative. (External organisation)
Activity: Membership › Membership in review committee

Membership PhD Assessment Committee, The Royal Danish Academy of Fine Arts Schools of Architecture, Design and Conservation (External organisation)
Activity: Membership › Membership in review committee

Elected member of Board of Education (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Membership PhD Assessment Committee, The Oslo School of Architecture and Design (External organisation)
Activity: Membership › Membership in review committee