Lottery Bjerregaard Jensen - DTU Orbit (16/01/2019)

Jensen, Lotte Bjerregaard

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Department of Civil Engineering - Associate Professor

Design and Processes

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 - peer-review › 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
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
Jensen, L. B. 2015 In : Journal of Engineering Education. 15
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
Richard Horden: Touch the earth lightly
Research output: Communication › Book chapter – Annual report year: 2008

Thomas Herzog: Interdisciplinarity and low-energy buildings
Kragh, M. & Bjerregaard Jensen, L. 2008 B150-Civil engineering futures: the 150th anniversary celebrations of the study of civil engineering in Denmark. Bjerregaard, L. M. (ed.). København: Technical University of Denmark, Department of Civil Engineering, p. 120-123
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

Forsegling 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
Bjerregaard Jensen, L. 2004 In : Arkitekten. #11, oktober, p. ialt 9 sider
Research output: Communication › Journal article – Annual report year: 2004
DTU Campus 1929-1960: Den Polytekniske lærenanstalts bygningshistorie
Bjerregaard Jensen, L. 2004 DTU Campus 1829-2029: Den polytekniske lærenanstalts bygningshistorie. København:
Research output: Communication › Book chapter – Annual report year: 2004

Suburbia and Social Democracy: The golden age of Danish 'Modernism'
Bjerregaard Jensen, L. 2003 In : OASE , tijdschrift voor architectuur. 61, p. 6-27
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 sustainability
Larsen, N. B., Jensen, L. B., Dyring, C. & Thuesen, C.
Industrial PhD
01/08/2018 → 31/07/2021
Project: PhD

Member of Research and Evaluation Committee commissioned by Municipality of Copenhagen: Noise Screen Tagensvej
Jensen, L. B.
01/01/2010 → 31/12/2010
Project: Research

Innovations in Interdisciplinary Research in Built Environment within the Baltic Sea Region
Jensen, L. B.
30/04/2017 → 01/02/2019
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
Jensen, L. B., Arnbjerg-Nielsen, K. & Mikkelsen, P. S.
01/09/2016 → 12/03/2017
Project: Research

Udvikling af metode til integreret bæredygtigt design
Industrial PhD
01/10/2015 → 30/09/2018
Project: PhD
Bæredygtighed ved renovering af eksisterende byggeri
Institut stipendie (DTU) Samf.
01/11/2010 → 04/07/2016
Project: PhD

Integreget energidesign af klimaskærmen
Nielsen, M. V., Svendsen, S., Jensen, L. B., Olesen, B. W., Christoffersen, L. D. & Hestness, A. G.
Institut stipendie (DTU)
15/12/2008 → 28/09/2012
Project: PhD

Alternative Asker i Beton - Ny æstetisk og Byggeteknisk Performance
Institut/centerfinansieret
01/12/2012 → 06/03/2018
Project: PhD

The architectural transition between stations and urban spaces, seen from a safety point of view
Industrial PhD
01/10/2015 → 06/07/2019
Project: PhD

Integreget energidesign i masterplanning
Strømann-Andersen, J. B., Svendsen, S., Jensen, L. B., Kongebro, S., Nielsen, S. B. & Pedersen, P. B.
ErhvervsPhD-ordningen VTU
01/10/2008 → 25/06/2012
Project: PhD

Architectural Engineering til superlette konstruktioner
Castberg, N. A., Hertz, K. D., Jensen, L. B., Bontempi, F. & Larsen, O. P.
Institut stipendie (DTU)
15/08/2010 → 22/11/2013
Project: PhD

Integration of CFD in Structural and Architectural Wind Engineering
Jørgensen, N. G., Koss, H., Bennetsen, J. C., Georgakis, C. T., Jensen, L. B., Fischer, G., Franke, J. & Höffer, R.
Institut stipendie (DTU)
01/11/2009 → 30/09/2015
Project: PhD

Civil Engineering Futures - International Lecture Series (and publication of Book).
Jensen, L. B.
01/05/2006 → 01/05/2008
Project: Research

High tech start ups: Industriens fond - højteknologisk innovation
Jensen, L. B., Andersson, P. H., Fernvall, P. S. & Berg, R. H.
01/10/2014 → 01/01/2017
Project: Research

Industrial PhD Development of method for Integrated sustainability design
Jensen, L. B.
01/10/2015 → 01/10/2018
Project: Research
Erasmus - BelInterBaltic
Jensen, L. B.
01/09/2015 → 01/09/2018
Project: Research

STED: Nordic Built STED - Sustainable Transformation and Environmental Design
Jensen, L. B. & Negendahl, K.
01/08/2015 → 01/08/2018
Project: Research

Arkitektur og landskap: seminar om store konstruksjoners kontekst
Jensen, L. B.
15/08/2008 → 17/08/2008
Project: Research

Integrated Concept Design – INCLUDE framework
Jensen, L. B.
01/07/2015 → 01/08/2017
Project: Research

Spatial Adaptable Rapidly Erectable Building Systems
Jensen, L. B.
01/03/2015 → 31/12/2015
Project: Research

Urbanisation and Infrastructure in the Arctic - Challenges from a Sustainable Perspective
Jensen, L. B.
02/01/2014 → 30/04/2014
Project: Research

Third International Workshop on Design in Civil and Environmental Engineering
Jensen, L. B.
Cowi fonden
01/12/2013 → 01/12/2014
Project: Research

Solarmapping as part of a refurbishment design process
Jensen, L. B.
12/03/2012 → 11/02/2013
Project: Research

Solar decathlon 2012 : Team DTU Denmark
Jensen, L. B.
Uddannelse, udenlandske offentlige og private
01/01/2011 → 12/06/2014
Project: Research

Activities:

Member of the PhD Assesment Committee, DTU Representative. (External organisation)
Jensen, L. B. (Participant)
2016 → …
Activity: Membership › Membership in review committee
Project evaluation committee for Technology Foundation STW (External organisation)
Jensen, L. B. (Participant)
1 Jun 2015 → 1 Sep 2015
Activity: Membership › Membership in review committee

3rd International Workshop on Design in Civil and Environmental Engineering
Jensen, L. B. (Organizer)
1 Jan 2014 → 1 Nov 2014
Activity: Attending an event › Participating in or organising a conference

ARTEK Event 2014
Jensen, L. B. (Organizer)
1 Jan 2014 → 1 May 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Member of the PhD Assessment Committee, Aalborg University (External organisation)
Jensen, L. B. (Participant)
2014 → …
Activity: Membership › Membership in review committee

Member PhD assessment Committee Aalborg University (External organisation)
Jensen, L. B. (Participant)
2014 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Member of the PhD Assessment Committee, DTU Representative. (External organisation)
Jensen, L. B. (Participant)
2013 → …
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)
Jensen, L. B. (Participant)
2012 → …
Activity: Membership › Membership in review committee

Elected member of Board of Education (External organisation)
Jensen, L. B. (Participant)
2009 → 2018
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)
Jensen, L. B. (Participant)
2009 → …
Activity: Membership › Membership in review committee