Lars Hvam - DTU Orbit (06/03/2019)

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Research outputs:

Understanding the impact of non-standard customisations in an engineer-to-order context: A case study
Research output: Research - peer-review › Journal article – Annual report year: 2019

A Database Administration Tool to Model the Configuration Projects
Research output: Research - peer-review › Article in proceedings – Annual report year: 2019

Challenges of Digital Transformation: The case of the Non-Profit Sector
Research output: Research - peer-review › Article in proceedings – Annual report year: 2019

Configuration lifecycle management maturity model
Research output: Research - peer-review › Journal article – Annual report year: 2019

Scoping a PIM System: A Supporting Framework
Research output: Research - peer-review › Article in proceedings – Annual report year: 2019

The costs and benefits of product configuration projects in engineer-to-order companies
Research output: Research - peer-review › Journal article – Annual report year: 2019

The impact of applying product-modelling techniques in configurator projects
Research output: Research - peer-review › Journal article – Annual report year: 2019

The Use of Design-science to Define Information Content Requirements for IT Service Catalogs
Research output: Research - peer-review › Article in proceedings – Annual report year: 2019

A study of cost implications from not maintaining a PCS
Research output: Research - peer-review › Paper – Annual report year: 2018

Behavior-Driven Development in Product Configuration Systems
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Configuration Lifecycle Management – An Assessment of the Benefits Based on Maturity
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018
Configuration Lifecycle Management – Future of Product Configurators  
Research output: Research - peer-review ▶ Article in proceedings – Annual report year: 2019

Cost Benefit Analysis in Product Configuration Systems  
Research output: Research - peer-review ▶ Article in proceedings – Annual report year: 2018

Design Science Research: A Suitable Approach to Scope and Research IT Service Catalogs  
Research output: Research - peer-review ▶ Article in proceedings – Annual report year: 2018

Design Thinking in Product Configuration Projects  
Research output: Research - peer-review ▶ Conference abstract in proceedings – Annual report year: 2018

How to scope configuration projects and manage the knowledge they require  
Research output: Research - peer-review ▶ Journal article – Annual report year: 2018

Management Challenges in Product Configuration Projects  
Research output: Research - peer-review ▶ Conference abstract in proceedings – Annual report year: 2018

Measuring the complexity of product configuration systems  
Research output: Research - peer-review ▶ Paper – Annual report year: 2018

Merging Commercial and Technical Configurators  
Research output: Research - peer-review ▶ Paper – Annual report year: 2018

Product Modularization: Case Studies from Construction Industries  
Research output: Research - peer-review ▶ Paper – Annual report year: 2018

Product Modularization in the Architecture, Engineering and Construction (AEC) Industry  
Research output: Research - peer-review ▶ Conference abstract in proceedings – Annual report year: 2018

Product Wheels for Scheduling in the Baking Industry: A Case Study  
Research output: Research - peer-review ▶ Journal article – Annual report year: 2018

Return on investment from the use of product configuration systems – A case study  
Research output: Research - peer-review ▶ Journal article – Annual report year: 2018

The main challenges for manufacturing companies in implementing and utilizing configurators  
Research output: Research - peer-review ▶ Journal article – Annual report year: 2018

Using business critical design rules to frame new architecture introduction in multi-architecture portfolios  
Research output: Research - peer-review ▶ Journal article – Annual report year: 2018

Improving product configurability in ETO companies  
Research output: Research - peer-review ▶ Article in proceedings – Annual report year: 2018

A Framework for Determining Product Modularity Levels  
Research output: Research - peer-review ▶ Journal article – Annual report year: 2017

Automatic Identification of Similarities Across Products to Improve the Configuration Process in ETO Companies  
Research output: Research - peer-review ▶ Journal article – Annual report year: 2017
Complexity of Configurators Relative to Integrations and Field of Application
Research output: Research - peer-review › Paper – Annual report year: 2017

How to Identify Possible Applications of Product Configuration Systems in Engineer-to-Order Companies
Research output: Research - peer-review › Journal article – Annual report year: 2017

Identification of critical technology building blocks
Research output: Research - peer-review › Journal article – Annual report year: 2017

Impact of product configuration systems on product profitability and costing accuracy
Research output: Research - peer-review › Journal article – Annual report year: 2017

Including product features in process redesign
Research output: Research - peer-review › Journal article – Annual report year: 2017

Increased accuracy of cost-estimation using product configuration systems
Research output: Research - peer-review › Paper – Annual report year: 2017

Product portfolio optimization based on substitution
Research output: Research › Article in proceedings – Annual report year: 2018

Product variety, product complexity and manufacturing operational performance: A systematic literature review
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

The documentation of product configuration systems: A framework and an IT solution
Research output: Research - peer-review › Journal article – Annual report year: 2017

Usage Frequency of Product Configuration Systems Relative to Integrations and Fields of Application
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Which variety is free? Discerning the impact of product variety in the process industry
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Analysis of visual representation techniques for product configuration systems in industrial companies
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Assessing the cost saving potential of shared product architectures
Research output: Research - peer-review › Journal article – Annual report year: 2016

Business cases for product configuration systems
Research output: Research - peer-review › Paper – Annual report year: 2016

Business process management and IT management: The missing integration
Research output: Research - peer-review › Journal article – Annual report year: 2016

Development and implementation strategy for the of product configuration systems in engineer-to-order companies
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Impact of the utilization of a product configuration system on product’s life cycle complexity
Research output: Research - peer-review › Paper – Annual report year: 2017
Improved Performance and Quality of Configurators by Receiving Real-Time Information from Suppliers
Research output: Research - peer-review › Paper – Annual report year: 2016

Industrial Application of Configurators: From Motivations to Realized Benefits
Research output: Research - peer-review › Paper – Annual report year: 2016

Industrial experience from using the cpm-procedure for developing, implementing and maintaining product configuration systems
Research output: Research - peer-review › Paper – Annual report year: 2016

Management of business process design in global implementation of enterprise resource planning systems

Modelling production system architectures in the early phases of product development
Research output: Research - peer-review › Journal article – Annual report year: 2016

Operational impact of product variety in the process industry
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Product configuration system and its impact on product’s life cycle complexity
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Quantification of Benefits and Cost from Applying a Product Configuration System
Research output: Research - peer-review › Paper – Annual report year: 2016

Reconfiguring Variety, Profitability, and Postponement for Product Customization with Global Supply Chains
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Succeeding in process standardization: Explaining the fit with international management strategy
Research output: Research - peer-review › Journal article – Annual report year: 2016

Utilizing product configuration systems for supporting the critical parts of the engineering processes
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Alignment of Configuration and Documentation for Highly Engineered Complex Product Configuration Systems: a Demonstration from a Case Study
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

An agile documentation system for highly engineered, complex product configuration systems
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Coherent Architecture Development as a Basis for Technology Development
Research output: Research › Ph.D. thesis – Annual report year: 2015

Enabling Mass Customization in Engineer-To-Order Industries: A multiple case study analysis on concepts, methods and tools
Research output: Research › Ph.D. thesis – Annual report year: 2015

Formal computer-aided product family architecture design for mass customization
Research output: Research - peer-review › Journal article – Annual report year: 2015
Managing Variety in Configure-to-Order Products - An Operational Method
Research output: Research - peer-review › Journal article – Annual report year: 2015

New Product Introduction in the Pharmaceutical Industry
Research output: Research › Ph.D. thesis – Annual report year: 2014

Scoping a Product Configuration Project for Engineer-to-Order Companies
Research output: Research - peer-review › Journal article – Annual report year: 2015

The cost of customising: assessing the performance of a modular product programme
Research output: Research - peer-review › Journal article – Annual report year: 2014

The Use of Modelling Methods for Product Configuration In Industrial Applications
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

Extending product modeling methods for integrated product development
Research output: Research - peer-review › Article in proceedings – 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

New complex product introduction by means of product configuration
Research output: Research - peer-review › Paper – Annual report year: 2013

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

Performance measures for mass customization strategies in an ETO environment
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Reducing variety in product solution spaces of engineer-to-order companies: The case of Novenco A/S
Research output: Research - peer-review › Journal article – Annual report year: 2014

Rethinking the Business Model in Construction by the Use of Off-Site System Deliverance: Case of the Shaft Project
Research output: Research - peer-review › Journal article – Annual report year: 2013

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

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

Analyzing the Accuracy of Calculations When Scoping Product Configuration Projects
Research output: Research - peer-review › Conference article – Annual report year: 2012

Calculation of Complexity Costs – An Approach for Rationalizing a Product Program
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012
Definition and evaluation of product configurator development strategies
Research output: Research - peer-review | Journal article – Annual report year: 2012

Developing engineering processes through integrated modelling of product and process
Research output: Research - peer-review | Article in proceedings – Annual report year: 2012

Knowledge-based geometric modeling in construction
Research output: Research - peer-review | Article in proceedings – Annual report year: 2012

On the Market Aspect of Product Program Design: Towards a Definition of an Architecture of the Market
Research output: Research - peer-review | Article in proceedings – Annual report year: 2012

Towards a Classification of Architecture Initiatives: Outlining the External Factors
Research output: Research - peer-review | Article in proceedings – Annual report year: 2012

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

Improving decision making in the early phases of configuration projects
Research output: Research - peer-review | Journal article – 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

Optimizing the order processing of customized products using product configuration
Research output: Research - peer-review | Journal article – Annual report year: 2011

Proactive Modeling of Market, Product and Production Architectures
Research output: Research - peer-review | Article in proceedings – Annual report year: 2011

Product Complexity Impact on Quality and Delivery Performance
Research output: Research - peer-review | Article in proceedings – Annual report year: 2011

The Impact of product configurators on lead times in engineering-oriented companies
Research output: Research - peer-review | Journal article – 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

A layout technique for class diagrams to be used in product configuration projects
Research output: Research - peer-review | Journal article – Annual report year: 2010

Assessment of Benefits from Product Configuration Systems
Research output: Research - peer-review | Article in proceedings – Annual report year: 2010

Examining the Possibilities of Identifying and Modeling Correlations between Product Families and Business Processes
Research output: Research - peer-review | Article in proceedings – Annual report year: 2010

Making Product Customization Profitable
Research output: Research - peer-review | Journal article – Annual report year: 2009
Modelling Product Families for Product Configuration Systems with Product Variant Master
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Produktsanering i praksis: Et casestudie hos Novenco A/S
Research output: Research - peer-review › Book chapter – Annual report year: 2010

A classification of strategies for the development of product configurators
Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

A software System for the Management of Generic Product Information Models
Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

CRC-cards to support development and maintenance of product configuration systems
Research output: Research - peer-review › Journal article – Annual report year: 2009

Implementation of conceptual product models into configurators: From months to minutes
Research output: Research - peer-review › Article in proceedings – 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

A software tool for design and documentation of configurator knowledge bases
Research output: Research - peer-review › Book chapter – Annual report year: 2008

Implementing a product platform in 35 man-days: The visual thinking approach
Research output: Research - peer-review › Journal article – Annual report year: 2008

Mass Customization Services
Research output: Research - peer-review › Book – Annual report year: 2008

Modelling and visualising modular product architectures for mass customisation
Research output: Research - peer-review › Journal article – Annual report year: 2008

Product Customization
Research output: Research - peer-review › Book – Annual report year: 2009

A classification of the information that domain experts do and do not provide in configuration projects
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

A comparative study of two graphical notations for the development of product configuration systems
Research output: Research - peer-review › Journal article – Annual report year: 2007

A multi-perspective approach for the design of product configuration systems
Research output: Research - peer-review › Journal article – Annual report year: 2007

An approach for the development of visual configuration systems
Research output: Research - peer-review › Journal article – Annual report year: 2007

A prototype of a documentation system that supports the development and maintenance of product configuration systems
Research output: Research - peer-review › Journal article – Annual report year: 2007
Communicating knowledge: Making embedded configuration work
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

Creating a documentation system to support the development and maintenance of product configuration systems
Research output: Research - Article in proceedings – Annual report year: 2007

Innovative Processes and Products for Mass Customization
Research output: Research - peer-review › Book – Annual report year: 2007

Mass Customization's Implication on after-sales services
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

Product configuration for making quotations for complex and highly engineered products
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

Product configuration of infrastructure systems for data centres
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

Product Structured Class Diagrams to support the development of Product Configuration Systems
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

Produktkonfigurering: Kundetilpasning af produkter
Research output: Research - peer-review › Book – Annual report year: 2007

Review af Dansk Bygge Klassifikation - DBK2006
Research output: Research › Report – Annual report year: 2007

Tacit knowledge in configuration projects
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

The modelling techniques of a documentation system that supports the development and maintenance of product configuration systems
Research output: Research - peer-review › Journal article – Annual report year: 2007

A Configuration System for Supportive Purposes in the Middle of a Product Lifecycle
Research output: Research › Article in proceedings – Annual report year: 2006

Conceptualizing Embedded Configuration
Research output: Research - peer-review › Article in proceedings – Annual report year: 2006

CRC-cards for the development and maintenance of product configuration systems
Research output: Research - peer-review › Article in proceedings – Annual report year: 2006

Research output: Research › Article in proceedings – Annual report year: 2006

Customer Interaction and Customer Integration
Research output: Research - peer-review › Book – Annual report year: 2006
Improving the quotation process with product configuration
Research output: Research - peer-review › Journal article – Annual report year: 2006

Kundetilpassede systemprodukter: - en vej til ny konkurrencekraft i Byggematerialeindustrien
Research output: Research - peer-review › Book – Annual report year: 2006

Mass Customization in the electronics industry: - based on modular products and product configuration
Research output: Research - peer-review › Journal article – Annual report year: 2006

Mass Customization in the Electronics Industry: - Based on Modular Products and Product Configuration
Research output: Research › Article in proceedings – Annual report year: 2006

Mass Customization of process plants
Research output: Research - peer-review › Journal article – Annual report year: 2006

Merging models with different perspectives on product configuration knowledge
Research output: Research - peer-review › Article in proceedings – Annual report year: 2006

Produktkonfigurering: Effektiv konfigurering af kundetilpassede produkter
Research output: Research - peer-review › Book – Annual report year: 2006

The modelling techniques of a documentation system that supports the development and maintenance of product configuration systems
Research output: Research - peer-review › Article in proceedings – Annual report year: 2006

A documentation tool for product configuration systems - improving the documentation task
Research output: Research - peer-review › Journal article – Annual report year: 2005

Developing 3D configuration systems for manufacturers of complex building components
Research output: Research - peer-review › Article in proceedings – Annual report year: 2005

Development and maintenance of product configuration systems: Requirements for a documentation tool
Research output: Research - peer-review › Journal article – Annual report year: 2005

Systemleverancer i byggeriet - en udredning til arbejdsbrug
Research output: Research - peer-review › Report – Annual report year: 2005

A multi perspective approach for the design of product configuration systems
Research output: Research - peer-review › Article in proceedings – Annual report year: 2004

A multi-perspective approach for the design of Product Configuration Systems - an evaluation of industry applications
Research output: Research - peer-review › Article in proceedings – Annual report year: 2004

A multi-perspective approach for the design of Product Configuration Systems - Configuration of electronic switch boards
Research output: Research - peer-review › Article in proceedings – Annual report year: 2004

Analyse af software til visuel produktkonfigurering i byggebranchen
Research output: Research › Report – Annual report year: 2004

Fundamental Characteristics of Industrial variant specification systems
Research output: Research - peer-review › Article in proceedings – Annual report year: 2004
Projects:

Systematized Commissioning Based on Project Experiences
Project: PhD
Planning Project Configuration System Projects
Project: PhD

Maintenance Strategy at Rockwool
Project: PhD

Systematic Maintenance Improvement - A Data Driven Approach
Project: PhD

Optimization of maintenance shutdown of large-scale equipment
Project: PhD

Application of Product Configuration Systems in Engineering Companies
Project: Research

Conceptual modeling of transportation and IT services for configuration systems
Project: PhD

Quantitative Modular Maintenance Principles
Project: PhD

Data Driven Analysis of Plant Operation
Project: PhD

Developing Product Architectures in Collaboration with Key-Customers
Project: PhD

Complexity Management at DSV A/S
Project: PhD

How to Improve the utilization of a Configuration Lifecycle Management (CLM) system
Project: Research

Developing Modular Product and Process Architectures in Engineer to Order (ETO) Companies
Project: PhD

Management of product and production data
Project: PhD

End-to-end configuration
Project: PhD

Udvikling af systemleverancer hos entreprenører
Project: PhD

Produktmodellering i virksomhedsnetværk
Project: PhD

Anvendelse af produktmodeller set udfra et styringsmæssigt synspunkt
Project: PhD
Modellering af ingeniørviden
Project: PhD

Bæredygtig produktion og logistik baseret på Cradle to Cradle princippet
Project: PhD

Håndtering af interfaces i højkomplekse og multidisciplinære produkter
Project: PhD

Application of Architectures in SME's
Project: PhD

Complexity Management at Rockwool
Project: PhD

Application of Product Configuration Systems in Engineering Companies
Project: PhD

Reducing time-to-market by means of modular platforms
Project: PhD

Conceptual Modelling for Product Configuration Systems
Project: PhD

Management of business processes for global ERP implementations
Project: PhD

Business Intelligence i Engineeringvirksomheder
Project: PhD

Requirement management with multiple product platforms
Project: PhD

Indlejret produktkonfiguration hos Grundfos Strukturerings af produktviden
Project: PhD

Indlejret konfigurering: Modellering af produktfamilier og versionsstyring
Project: PhD

Systemintegration i teknologiudviklingsprojekter
Project: PhD

Requirements management with multiple product platforms
Project: PhD

Udvikling af teknologisk produktarkitektur fra specification til produktion
Project: PhD

Development of modeling techniques for project management in product development
Project: PhD
Informationsteknologi i den tekniske styring
Project: PhD

Brug af ny teknologi af logistik og servicesystemer i sundhedssektoren
Project: PhD

Modeling of product- and process architecture
Project: PhD

Indlejret produktkonfigurering (Embedded product configuration)
Project: PhD

Udvikling af specifikationssystemer
Project: PhD

Technology and Logistics in Health Care
Project: PhD

Complexity Management
Project: PhD

Udvikling af mekatroniske platforme
Project: PhD

Koordineret udvikling af produktarkitektur og forretningsprocesser
Project: PhD

Advanced planning approaches for small- and medium-sized enterprises
Project: PhD

New Product Start Up in Pharmaceutical Production
Project: PhD

Connovate - optimized building system using High Performance Concrete
Project: Research

Product specification systems: Economics, Technology and Organisation
Project: Research

Research in System Deliveries within Construction
Project: Research

Systemleverancør i byggeriet : - et forskningsnetværk
Project: Research

Application of product models in extended enterprises
Project: Research

Procedure for building product models, Ph.d. student Jesper Riis
Project: Research
Development of specification systems, Ph.d. student Benjamin Loer Hansen
Project: Research

Centre for Industrialisation of Engineering
Project: Research

Engineering of engineering systems
Project: Research

Business Process Reengineering at F.L. Smith & Co. - reengineering the sales process
Project: Research

Modeling Agility in the Supply Chain
Project: Research

System products in the Building Industry
Project: Research

User Supportive Embedded Configuration
Project: Research

Product configuration in the construction sector
Project: Research

Press clippings:

Automatic design system saves millions
Press/Media: Press / Media