Zaza Nadja Lee Herbert-Hansen - DTU Orbit (18/10/2017)

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Department of Management Engineering - Assistant Professor
Management Science
Operations Management

Publications:

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

A Framework for Operational Due Diligence in Mergers and Acquisitions
Publication: Research - peer-review › Paper – Annual report year: 2017

Combining or Separating Forward and Reverse Logistics
Publication: Research - peer-review › Journal article – Annual report year: 2017

Connecting strategy and execution in global R&D
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Industri 4.0 set i lyset af kvalitetsstyring
Herbert-Hansen, Z. N. L. 2017 In : Kvalitetssmagasinet. 2, p. 6-10
Publication: Communication › Journal article – Annual report year: 2017

Structuring vendor-client relationships–a combinatorial approach
Volani, N. & Herbert-Hansen, Z. N. L. 2017
Publication: Research - peer-review › Paper – Annual report year: 2017

Sustainable supply chains in the world of industry 4.0
Pietro, E. D. & Herbert-Hansen, Z. N. L. 2017
Publication: Research - peer-review › Paper – Annual report year: 2017

The Key to Successful Operational Due Diligence: The right data, at the right time, analysed in the right way
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

UML Statechart Fault Tree Generation By Model Checking
Herbert, L. T. & Herbert-Hansen, Z. N. L. 2017
Publication: Research - peer-review › Paper – Annual report year: 2017

Restructuring of workflows to minimise errors via stochastic model checking: An automated evolutionary approach
Publication: Research - peer-review › Journal article – Annual report year: 2015
Complexity management in the food industry
Herbert-Hansen, Z. N. L. & Jacobsen, P. 2016 In : Journal of Academic Research in Economics. 8, 3
Publication: Research - peer-review › Journal article – Annual report year: 2016

Control and trust impact on outsourcing
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Food production viewed through the lenses of industry 4.0
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Framework for discovering supply chain complexity drivers
Afandi, S. N. & Hansen, Z. N. L. 2016
Publication: Research - peer-review › Paper – Annual report year: 2016

Generation of safe optimised execution strategies for uml models
Publication: Research - peer-review › Paper – Annual report year: 2016

Integrating product design into the supply chain
Publication: Research - peer-review › Journal article – Annual report year: 2016

Mentorship of expatriates in transnational companies
Publication: Research - peer-review › Journal article – Annual report year: 2016

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

Optimizing inventory management in the insulation manufacturing industry
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Supply reliability and dynamic safety analysis of an alternative energy supply chain
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Active learning in Engineering Educations- also for special needs students
Hansen, Z. N. L. 2015
Publication: Research › Poster – Annual report year: 2016

Global supply chain strategy: Case study from the insulation industry
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Inventory strategy: balancing efficiency and customer needs in the building insulation industry
Mentoring expatriates in transnational companies: From ethnocentric to cross-cultural communication
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Operations management in the baking industry: A case study
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Optimal Sceduling of Stochastic Production Processes Through Model Checking
Publication: Research - peer-review › Book chapter – Annual report year: 2014

Quantifying system safety: A comparison of the SBOAT & Safety Barrier Manager tools
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Waste management in food production
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Addressing production stops in the food industry
Publication: Research - peer-review › Journal article – Annual report year: 2014

Automated evolutionary restructuring of workflows to minimise errors via stochastic model checking
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Evolutionary optimisation of production materials workflow processes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Evolutionary optimization of production materials workflow processes
Publication: Research - peer-review › Conference article – Annual report year: 2014

Increasing efficiency in the production process: A case study from the Baked Goods industry
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Increasing productivity based on quality management: Baked goods sector example
Offshoring of engineering services: A case study from the automotive industry

Offshoring trends in the manufacturing process within the automotive industry

SBAT. A stochastic BPMN analysis tool

SBOAT: A Stochastic BPMN Analysis and Optimisation Tool

Using quantitative stochastic model checking tool to increase safety and improve efficiency in production processes

Successful globalisation: Rejsen fra lokalt til globalt firma

Challenges facing the food industry: Examples from the baked goods sector

Dual Career Services for Early Stage Researchers and Established Researchers - Enhancing R&D Human Resource Recruitment and Retention

Global product development: an attempt at harmonising the research effort
Hansen, Z. N. L. & Simplay, S. 2013

Needs and Possibilities of Dual Career Opportunities for Doctoral Candidates and Early State Researchers

Optimal scheduling of complex processes through stochastic model checking: An example from the baked goods industry

Outsourcing relationships: Changes in power and dependency
Succesful globalisering: Rejsen fra lokalt til globalt firma
Publication: Communication › Report – Annual report year: 2013

The inSPIRe initiative: A public-private forum for operations management research in the Danish food industry
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Viewing engineering offshoring in a network perspective: Addressing and managing risks
Publication: Research - peer-review › Journal article – Annual report year: 2013

What has led the automotive industry to offshore engineering services to low cost countries?
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Make PhDs employees not students
Publication: Communication › Internet publication – Annual report year: 2012

Connecting engineering operations to strategic management: a framework for decision making in engineering offshoring
Publication: Research - peer-review › Journal article – Annual report year: 2012

Connecting global product development with corporate strategy
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Taler kinesere dansk?: Dagens synspunkt
Hansen, Z. N. L. 2012 Business section 26 Nov. 2012, Berlingske Tidende
Publication: Communication › Comment/debate – Annual report year: 2012

On outsourcing and offshoring: Challenges facing management and engineering
Publication: Research › Ph.D. thesis – Annual report year: 2011

ADDRESSING THE RISKS OF GLOBAL PRODUCT DEVELOPMENT
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Global product development: The impact on the product development process and how companies deal with it
Publication: Research - peer-review › Journal article – Annual report year: 2011

Interactive planning
Publication: Education - peer-review › Book chapter – Annual report year: 2011
Network configuration of global R&D networks: Extending OM configuration concepts
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Product Implications of Design Offshoring
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Sådan forbedrer vi global produktudvikling
Publication: Communication › Internet publication – Annual report year: 2011

Successful global product development: A Guide for Industry
Publication: Research - peer-review › Book – Annual report year: 2011

Viewing engineering offshoring in a network perspective: Challenges and key patterns
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Offshoring R&D: The relationship between transparency, communication structures and knowledge
Publication: Research › Article in proceedings – Annual report year: 2010

The Impact On The Product Development Process When Offshoring Or Outsourcing
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

The sustainable utilization of human resources in global product development
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Projects:

Supplier Relatuionship Management at FLSmidth
01/10/2017 → 30/09/2020
Project: PhD

Complexity Management at Rockwool
01/10/2015 → 30/09/2018
Project: PhD

Global Product Development
Ahmed-Kristensen, S. & Herbert-Hansen, Z. N. L.
01/06/2011 → 31/12/2011
Project

On Outsourcing and Off shoring: A Strategic View of the Challenges Facing Management and Engineering
Activities:

Outsourcing seen in perspective of Industry 4.0
Herbert-Hansen, Z. N. L. (Speaker)
1 Jun 2017
Activity: Talks and presentations › Conference presentations

Planning and scheduling in the food industry
Herbert-Hansen, Z. N. L. (Speaker)
1 Jun 2015
Activity: Talks and presentations › Conference presentations

Speed Mentoring
Herbert-Hansen, Z. N. L. (Lecturer)
26 Sep 2013
Activity: Talks and presentations › Conference presentations

Needs and Possibilities of Dual Career Opportunities for Doctoral Candidates and Early Stage Researchers
Herbert-Hansen, Z. N. L. (Lecturer)
28 Aug 2013
Activity: Talks and presentations › Conference presentations

Ethics in research – why is it important to me?
Herbert-Hansen, Z. N. L. (Lecturer)
14 Jul 2012
Activity: Talks and presentations › Conference presentations