Tim C. McAloone - DTU Orbit (27/05/2018)
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Publications:

Ecodesign Implementation and LCA
Publication: Research - peer-review › Book chapter – Annual report year: 2018

Linking ecodesign capabilities to corporate performance: proposal of a simulation-based approach
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

A DSM-based framework for integrated function modelling: concept, application and evaluation
Publication: Research - peer-review › Journal article – Annual report year: 2016

A guide for evaluating the environmental performance of Product/Service-Systems
Publication: Communication › Report – Annual report year: 2017

A Guide for Evaluating the Environmental Performance of Product/Service-Systems
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Applying Multi-Class Support Vector Machines for performance assessment of shipping operations: The case of tanker vessels
Publication: Research - peer-review › Journal article – Annual report year: 2017

Assessing transformational change from institutionalising digital capabilities on implementation and development of Product-Service Systems: Learnings from the maritime industry
Publication: Research - peer-review › Journal article – Annual report year: 2017

Building a Business Case for Eco-design Implementation: A System Dynamics Approach
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Economic and Environmental Impact Trade-Offs Related to In-Water Hull Cleanings of Merchant Vessels
Publication: Research - peer-review › Journal article – Annual report year: 2017

Editorial
Publication: Research › Editorial – Annual report year: 2017

Embracing Circular Economy: a journey seen through the perspective of Sustainability Maturity
Publication: Research - peer-review › Journal article – Annual report year: 2017
How can design science contribute to a circular economy?
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Making the Transition to Circular Economy through readiness assessment
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Measuring the implementation of ecodesign management practices: a review and consolidation of process-oriented performance indicators
Publication: Research - peer-review › Journal article – Annual report year: 2017

Moulded Pulp Manufacturing: Overview and Prospects for the Process Technology
Publication: Research - peer-review › Review – Annual report year: 2017

Product/Service-System Origins and Trajectories: A Systematic Literature Review of PSS Definitions and their Characteristics
Publication: Research - peer-review › Conference article – Annual report year: 2017

Scientific support for business with implementing circular economy for enhanced competitiveness and sustainability
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Simulation-Based Business Case for PSS: A System Dynamics Framework
Publication: Research - peer-review › Conference article – Annual report year: 2017

The emergent role of digital technologies in the Circular Economy: A review
Publication: Research - peer-review › Conference article – Annual report year: 2017

The influence of costs and benefits' analysis on service strategy formulation: Learnings from the shipping industry
Publication: Research - peer-review › Journal article – Annual report year: 2017

A framework for conceptualisation of PSS solutions: On network-based development models
Publication: Research › Ph.D. thesis – Annual report year: 2016

Applying Robust Design in an Industrial Context
Publication: Research › Ph.D. thesis – Annual report year: 2017

Challenges when evaluating Product/Service-Systems through Life Cycle Assessment
Publication: Research - peer-review › Journal article – Annual report year: 2016

Design for Biodegradability: the case of the Green Fiber Bottle
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Exploring the dynamic and complex integration of sustainability performance measurement into product development
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Framework for measuring the sustainability performance of ecodesign implementation
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

How to evaluate the environmental performance of Product/Service-Systems (PSS)?
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016
How to mature the abilities of companies to a successful transition to Circular Economy?
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Integrating Product and Technology Development: A Proposed Reference Model for Dual Innovation
Publication: Research - peer-review › Conference article – Annual report year: 2016

Maturity-based approach for the development of environmentally sustainable product/service-systems
Publication: Research - peer-review › Journal article – Annual report year: 2016

Process-oriented performance indicators for measuring ecodesign management practices
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Process-related key performance indicators for measuring sustainability performance of ecodesign implementation into product development
Publication: Research - peer-review › Journal article – Annual report year: 2016

Towards a framework for modular service design synthesis
Publication: Research - peer-review › Journal article – Annual report year: 2016

When servitization is not transforming the way we do business - analysis of two unsuccessful service offerings from the shipping industry
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Application of Environmental Input-Output Analysis for Corporate and Product Environmental Footprints—Learnings from Three Cases
Publication: Research - peer-review › Journal article – Annual report year: 2015

Best practices for the integration of social sustainability into product development and related processes
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Characterization of the State-of-the-art and Identification of Main Trends for Ecodesign Tools and Methods: Classifying Three Decades of Research and Implementation
Publication: Research - peer-review › Review – Annual report year: 2015

Does the Ecomark Label Promote Environmentally Improved Products in India and What Experiences Can Be Drawn from the Nordic Ecolabel?
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Ecodesign Maturity Model as a framework to support the transition towards ISO 14.001: 2015 certification
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

From LCC to LCA Using a Hybrid Input Output Model – A Maritime Case Study
Publication: Research - peer-review › Conference article – Annual report year: 2015

KPIs for measuring the sustainability performance of ecodesign implementation into product development and related processes: a systematic literature review
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Publication: Research - peer-review › Journal article – Annual report year: 2015

Maturing the sustainability performance of manufacturing companies
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015
<table>
<thead>
<tr>
<th>Title</th>
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<tr>
<td>Supporting the Development of Environmentally Sustainable PSS by Means of the Ecodesign Maturity Model</td>
<td>Publication: Research - peer-review › Conference article – Annual report year: 2015</td>
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<td>Teaching sustainable solutions in engineering</td>
<td>Publication: Research - peer-review › Journal article – Annual report year: 2015</td>
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<td>Building an Ontology of Product/Service-Systems: using a maritime case study to elicit classifications and characteristics</td>
<td>Publication: Research - peer-review › Article in proceedings – Annual report year: 2014</td>
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<td>Comparing LCC with LCA to assess PSS sustainability: the case of the eco-box</td>
<td>Publication: Research - peer-review › Article in proceedings – Annual report year: 2014</td>
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<td>Deployment and implementation of the Grundfos' sustainability strategy by means of the ecodesign maturity model</td>
<td>Publication: Research - peer-review › Article in proceedings – Annual report year: 2014</td>
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<td>Development of a data capture tool for researching tech entrepreneurship</td>
<td>Publication: Research - peer-review › Article in proceedings – Annual report year: 2014</td>
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<td>Development of a Toolbox for the Implementation of Sustainability in the Product Development Processes at Grundfos Holding A/S</td>
<td>Publication: Research - peer-review › Article in proceedings – Annual report year: 2015</td>
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<td>Driving behavioural change towards ecodesign integration: Nudging experiment in Industry</td>
<td>Publication: Research - peer-review › Article in proceedings – Annual report year: 2015</td>
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<td>Eco-Innovation Manual: Tools instructions</td>
<td>Publication: Research - peer-review › Book – Annual report year: 2014</td>
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<td>Eco-Innovation: The opportunities for engineering design research</td>
<td>Publication: Research - peer-review › Article in proceedings – Annual report year: 2014</td>
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<td>Product design for resource efficiency: Background paper</td>
<td>Publication: Research › Report – Annual report year: 2014</td>
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<td>Supporting eco-design implementation within small and large companies</td>
<td>Publication: Research - peer-review › Article in proceedings – Annual report year: 2014</td>
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<td>Survey on Industry Requirements and Drivers for the Development of a Process-Related Certification Scheme for Ecodesign Implementation and Management</td>
<td>Publication: Research - peer-review › Article in proceedings – Annual report year: 2015</td>
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<td>Systematization of best practices for ecodesign implementation</td>
<td>Publication: Research - peer-review › Article in proceedings – Annual report year: 2014</td>
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Teaching sustainability in engineering solutions with Campus Service as case study
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

An inquiry on managers use of decision-making tools in the core front end of the innovation process
Publication: Research - peer-review › Journal article – Annual report year: 2013

Deciding on PSS: A Framework for PSS Strategies
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Drivers and barriers for implementation of environmental strategies in manufacturing companies
Publication: Research - peer-review › Journal article – Annual report year: 2013

Ecodesign maturity model: a management framework to support ecodesign implementation into manufacturing companies
Publication: Research - peer-review › Journal article – Annual report year: 2013

EcoM2 web portal: Collecting empirical data and supporting companies' ecodesign implementation and management
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Environmental improvement through product development - in Japanese: A guide
Publication: Research - peer-review › Book – Annual report year: 2013

Fuzzy Decision Support for Tools Selection in the Core Front End Activities of New Product Development
Publication: Research - peer-review › Journal article – Annual report year: 2013

Industry specific PSS: A study of opportunities and barriers for maritime suppliers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Maritime Branch Analysis: A workbook in the PROTEUS series
Publication: Research - peer-review › Book – Annual report year: 2013

Melhoria ambiental por meio do desenvolvimento de produtos: um guia
Publication: Research - peer-review › Book – Annual report year: 2013

Product-related Environmental Performance Indicators: a systematic literature review
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

PSS Business Models: A workbook in the PROTEUS series
Publication: Research - peer-review › Book – Annual report year: 2013

PSS Organisation: A workbook in the PROTEUS series
Publication: Research - peer-review › Book – Annual report year: 2013

PSS Partnerships: A workbook in the PROTEUS series
Publication: Research - peer-review › Book – Annual report year: 2013

PSS Readiness Manual: A workbook in the PROTEUS series
Publication: Research - peer-review › Book – Annual report year: 2013

PSS Tool Book: A workbook in the PROTEUS series
Publication: Research - peer-review › Book – Annual report year: 2013
Teaching sustainability in engineering solutions as a generic bachelor course
Publication: Research - peer-review › Book chapter – Annual report year: 2013

Timing and Targeting of PSS Methods and Tools: An Empirical Study amongst Academic Contributors
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Visually Augmented Analysis of Socio-Technical Networks in Engineering Systems Design Research
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Collaborative Product/Service-Systems – On conceptualisation of PSS offerings and business nets
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Establishing Collaborative Networks for the Conceptualisation of PSS
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Investigating features influence in fuzzy modelling of mass perception of non–functional 3D CAD forms
Publication: Research - peer-review › Journal article – Annual report year: 2012

Open Design and Crowdsourcing: Maturity, Methodology and Business Models
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Open Innovation Practices in a Cluster Context: A Medicon Valley Case Study
Publication: Research - peer-review › Paper – Annual report year: 2012

Open Source Development of Tangible Products - from a business perspective
Publication: Research › Paper – Annual report year: 2012

PSS Case Book: A workbook in the PROTEUS series
Publication: Research - peer-review › Book – Annual report year: 2012

Step-by-step towards PSS – Evaluating, Deciding and Executing
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

The Underlying Relationships Between Success Criteria & Success Factors in NPD Activities
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Towards assessing Product/Service-Systems (PSS) within the Danish maritime industry: A PSS positioning map
Publication: Research › Article in proceedings – Annual report year: 2013

Arduino & RepRap - Creating Wealth by Giving it Away: ICED11 Mechatronics Keynote
Publication: Research › Sound/Visual production (digital) – Annual report year: 2011

Boundary Conditions for a New Type of Design Task: Understanding Product/Service-Systems
Publication: Research - peer-review › Book chapter – Annual report year: 2011

Designing a Spaceship for Everyone: A new technology and market that is out of this world!: ICED11 Aerospace Keynote
Publication: Research › Sound/Visual production (digital) – Annual report year: 2011

Designing Complex Systems for the 21st Century: ICED11 Design Complexity Keynote
Publication: Research › Sound/Visual production (digital) – Annual report year: 2011
Product with service, technology with business model: Expanding engineering design
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Reflections on Design Methodology Research: ICED11 Design Research Keynote
Publication: Research › Sound/Visual production (digital) – Annual report year: 2011

RETHinking VAlue: A VAlue-CENTRIC MODEL OF PRODUCT, SERVICE AND BUSINESS DEVELOPMENT
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

The Future of Innovation - Beware of the Dark Side: ICED11 Innovation & Design Creativity Keynote
Publication: Research › Sound/Visual production (digital) – Annual report year: 2011

The Propagation and Evolution of Design Constraints: An Industrial Case Study
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Understanding Managers Decision Making Process for Tools Selection in the Core Front End of Innovation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

When Machines Design Machines!: ICED11 Futurology Keynote
Publication: Research › Sound/Visual production (digital) – Annual report year: 2011

Product Platform Modeling: Contributions to the discipline of visual product platform modelling
Publication: Research › Ph.D. thesis – Annual report year: 2010

Service-oriented product development strategies: Product/Service-Systems (PSS) development
Publication: Research › Ph.D. thesis – Annual report year: 2010

Eco-Innovation in the Value Chain
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Strategies for Designing and Developing Services for Manufacturing Firms
Publication: Research - peer-review › Journal article – Annual report year: 2010

A systematic approach to service oriented product development
Publication: Research › Ph.D. thesis – Annual report year: 2009

A User Centered Approach to Eliciting and Representing Experience in Surgical Instrument Development
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Editorial
Publication: Research - peer-review › Journal article – Annual report year: 2009

Environmental improvement through product development: A guide
Publication: Research - peer-review › Book – Annual report year: 2009

Making Ecodesign Simpler than Ever Before: Experiences from empirical intervention
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2009

Proceedings of ICED'09: Design for X, Design to X
Publication: Research - peer-review › Book – Annual report year: 2009
Produkt/service-system (PSS) casestudie: SCA Hygiene Products A/S
Publication: Communication › Report – Annual report year: 2009

Reflections on product/service-system (PSS) conceptualisation in a course setting
Publication: Research - peer-review › Journal article – Annual report year: 2009

Service-Oriented Strategies for Manufacturing Firms
Publication: Education - peer-review › Book chapter – Annual report year: 2010

Spelling the Domain of Sustainable Product Innovation Research
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2009

Strategies for Designing and Developing Services for Manufacturing Firms
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Succeeding in Business by Managing Consumption: A more sustainable approach to selling for
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Taking up the sustainability challenge: Editorial: APPLIANCE Engineer - The Open Door
Publication: Communication › Newspaper article – Annual report year: 2009

The design of Eco Board Games as an umbrella approach to sustainable product design education
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Transitions in Sustainable Product Design Research
Publication: Research - peer-review › Journal article – Annual report year: 2008

Applications of the Theory of Technical Systems: Experiences from the ‘Copenhagen School’
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

A User Centered Approach to Developing Emergent Technology Products
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

From product to service orientation in the maritime equipment industry: a case study
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

Miljøforbedringer gennem produktudvikling: En guide
Publication: Research - peer-review › Book – Annual report year: 2008

Nordic Post-Graduate Sustainable Design and Engineering Research from a Supervisor Perspective
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

Successive Transitions in Ecodesign: From the Stopwatch Era to Technology Transfer and Commercialization
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

A Competence-Based Approach to Sustainable Innovation Teaching: Experiences within a New Engineering Program
Publication: Research - peer-review › Journal article – Annual report year: 2007

A Scandinavian Model of Innovative Product Development
Publication: Research - peer-review › Book chapter – Annual report year: 2007
Ingeniørens rolle ved skabelse af innovative koncepter
Publication: Communication › Newspaper article – Annual report year: 2007

Ingeniørens rolle ved skabelse af innovative koncepter: Kronik
Publication: Communication › Newspaper article – Annual report year: 2007

Innovativ produktudvikling kræver kursskifte: Danske virksomheder har brug for nye metoder og værktøjer til produktudvikling
Publication: Communication › Newspaper article – Annual report year: 2007

Product/Service-System Development: An Explorative Case Study In A Manufacturing Company
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Vi behøver innovation: En ny miljøbølge ruller, og danske virksomheder bør ride med
Publication: Communication › Newspaper article – Annual report year: 2007

A Tool for Conceptualising in PSS development
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Characteristics of Strategies in Product/Service-System Development
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

From LCA to PSS – Making leaps towards sustainability by applying product/service-system thinking in product development
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Teaching and Implementation Models for Sustainable PSS Development: Motivations, Activities and Experiences
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

The Ramifications of Product/Service-Systems on Mechatronic Design
Publication: Communication › Sound/Visual production (digital) – Annual report year: 2006

Understanding And Developing Innovative Products And Services: The Essential Elements
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

What Happens to Integrated Product Development Models with Product/Service-System Approaches?
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

A short course in sustainable product development: Models, methods and mindsets
Publication: Education › Compendium/lecture notes – Annual report year: 2005

Gaining insight into innovation: The efforts of the SYNOPSIS group
Publication: Research › Sound/Visual production (digital) – Annual report year: 2005

Industrial integration of environmental issues into the organisation: Past, present & future challenges
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Innovation in Product Development: Notes for course 41829
Publication: Education › Compendium/lecture notes – Annual report year: 2005
New opportunities and responsibilities with PSS
Publication: Research › Sound/Visual production (digital) – Annual report year: 2005

Produktliv og miljøforhold: Kursusmateriale for kursusnr. 41051
Publication: Education › Compendium/lecture notes – Annual report year: 2005

PSS: An approach to sustainable innovation
Publication: Research › Sound/Visual production (digital) – Annual report year: 2005

Short lecture series in sustainable product development: Models, methods and mindsets
Publication: Education › Compendium/lecture notes – Annual report year: 2005

Styrkelsen af Center for Innovation i Produktudvikling (CIPU) gennem mærkesag og partnerskab: Hvidbog
Publication: Research › Report – Annual report year: 2005

Sustainable product development through a life-cycle approach to product and service creation: An exploration of the extended responsibilities and possibilities for product developers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Design For Utility, Sustainability And Societal Virtues: Developing Product Service Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

Images of Innovation: An Ontological Approach (Keynote speech)
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

Styrkelse af innovation i produktudvikling: opfordring til dialog
Publication: Research › Conference abstract for conference – Annual report year: 2004

Sustainable Product Development Through a Life-Cycle Approach to Product and Service Creation (Keynote speech)
Publication: Research › Conference abstract for conference – Annual report year: 2004

Demands for Sustainable Development (Keynote speech)
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

Implementation of Life Cycle Assessment in Product Development
Publication: Research - peer-review › Journal article – Annual report year: 2003

Implementation of Life Cycle Assessment (LCA) in the Development of Products
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

Implementation of Life Cycle Assessment (LCA) in the early stages of product development
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

Implementing Life Cycle Assessment in systems development.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

Innovation in Product Development: Notes for course 41629
Publication: Education › Compendium/lecture notes – Annual report year: 2003

Krav til den succesfulde udvikling af mekatroniske produkter: relevante forskningsresultater for mekatronikudviklere
Publication: Research › Article in proceedings – Annual report year: 2003
Product Life Design: Notes for course 41627
Publication: Education › Compendium/lecture notes – Annual report year: 2003

Sustainable Environment and Health for 21st Century: Implementation of LCA in development of products and systems
Publication: Research › peer-review › Article in proceedings – Annual report year: 2003

Usability, sustainability and society: Development of product service systems
Publication: Research › Article in proceedings – Annual report year: 2003

Creating sustainable students through project-based teaching
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Defining product service systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Design typology and design organisation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Ecodesign
Publication: Research - peer-review › Book chapter – Annual report year: 2002

Towards a multidisciplinary understanding of product innovation: the Synopsis network project
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Towards the actual implementation of ecodesign in industry - the `haves` and `needs` viewed by the European ecodesign community
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Udvikling af produktservicesystemer
Publication: Research › Article in proceedings – Annual report year: 2002

Confronting product life thinking with product life cycle analysis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2001

Joining three heads - experiences from mechatronic projects
Publication: Research - peer-review › Article in proceedings – Annual report year: 2001

Simultaneous and concurrent product development
Publication: Communication › Report – Annual report year: 2001

Environmental Priorities In Strategic Product Development
Publication: Research - peer-review › Journal article – Annual report year: 2000

Industrial Application Of Environmentally Conscious Design
Publication: Research - peer-review › Book – Annual report year: 2000

On the teaching of product development and innovation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000
Towards a New Framework for Product Development
Publication: Research - peer-review › Article in proceedings – Annual report year: 1999

Where’s eco-design going?
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

A Framework For Product Development
Publication: Research - peer-review › Article in proceedings – Annual report year: 1999

An Eco-Design Model Based On Industry Experience
Publication: Research - peer-review › Article in proceedings – Annual report year: 1999

Integrating Environmental Decisions Into the Product Development Process: Part 1 - The Early Stages
Publication: Research - peer-review › Article in proceedings – Annual report year: 1999

Integrating Environmental Decisions into the Product Development Process: Part 2 - The Later Stages
Publication: Research - peer-review › Article in proceedings – Annual report year: 1999

Using Empirical Data To Build An Advisory Tool For Ecodesign
Publication: Research - peer-review › Article in proceedings – Annual report year: 1999

Ecodesign Navigator: A key resource in the drive towards environmentally efficient product design
Publication: Research - peer-review › Book – Annual report year: 1998

Environmental priorities in strategic product development
Publication: Research - peer-review › Article in proceedings – Annual report year: 1998

Industry Experiences of Environmentally Conscious Design Integration: An Exploratory Study
Publication: Research › Ph.D. thesis – Annual report year: 1998

Success in environmentally conscious design: How is it achieved and maintained?
Publication: Research - peer-review › Article in proceedings – Annual report year: 1998

To what extent are DFX principles really used when developing environmentally sensitive products?
Publication: Research - peer-review › Article in proceedings – Annual report year: 1998

How Good Is Your Environmental Design Process?: A Self Assessment Technique
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

Organisational Requirements For Achieving Environmentally Conscious Design
Publication: Research - peer-review › Book chapter – Annual report year: 1997

A Pragmatic Approach to Managing Product Life-Cycles
Publication: Research - peer-review › Article in proceedings – Annual report year: 1996

From Product Designer To Environmentally Conscious Product Designer
Publication: Research - peer-review › Article in proceedings – Annual report year: 1996

Integrating Environmental Decisions Into Design: Encouraging A Move Towards Sustainable Product Development
Publication: Research - peer-review › Article in proceedings – Annual report year: 1996
Integrating Environmental Decisions Into The Design Process
Publication: Research - peer-review › Article in proceedings – Annual report year: 1996

Integration Of DFE Tools With Product Development (Keynote speech)
Publication: Research - peer-review › Article in proceedings – Annual report year: 1996

Meeting The Challenges Of Environmentally Conscious Product Design By Taking An Economic Life-Cycle View
Publication: Research - peer-review › Journal article – Annual report year: 1996

The Application Of Computer Simulation To Economically Justify The Design Of A Life-Cycle Approach
Publication: Research - peer-review › Article in proceedings – Annual report year: 1995

The Challenges Of Environmentally Conscious Design
Publication: Research - peer-review › Article in proceedings – Annual report year: 1995

Projects:

Sustainability Impact Assessment for Circular Economy
Project: PhD

Designing Sustainable Circular Business Models on Product/Service-Systems
Project: PhD

Understanding and Implementing Design for Biodegradability
Project

Sustainability Practice Theory and practice of soft side requirements of organizations that determine successful implementation of Design for Sustainability
Project: PhD

Using Integrated Sustainable Product Development for the development of a Green Fibre Bottle for Carlsberg
Project: PhD

Building a business case for ecodesign implementation based on a system dynamics simulation model
Project: PhD

Product/Service-System Design from a Life Cycle Costing Perspective
Project: PhD

Product/Service-System Design from a Life Cycle Environmental Perspective
Project: PhD

Udvikling af Produkt/Service-systemer i nye forretningsområdet og virksomheder
Project: PhD

Træfssikkerhed i produktudvikling gennem brugercenteret design: En undersøgelse af teori og praksis
Project: PhD

Cross-boundary co-design in the Danish cleantech industry: Networked innovation with design at the centre
Project: PhD
Implementation of Environmental Improvements through Product Development
Project

Eco-Innovation Exchange Workshops : DASTI Bi-Lateral Network Projects
Project

Et rammeværk til konceptualisering og specifikation af PSS designs - Netværksbaserede udviklingsmodeller
Project: PhD

Organisation for PSS delivery and management structures for PSS performance
Project: PhD

Product/Service-Systems in the Maritime Branch
Project

A framework for PSS development in a branch with long-lived, complex products
Project: PhD

Innovation Consortium PROTEUS : PROduct/service-system Tools for Ensuring User-oriented Service
Project

The 18th International Conference on Engineering Design, ICED11 : Impacting Society Through Engineering Design
Project

Project

Transportens Innovationsnetværk : Aktivitet A8: Integrerede Produkt/Service-Systemer
Project

Metodisk konstruktion af produkter
Project: PhD

Environmental Improvement through product development
Project

PhD Supervision Collective for Sustainable Product Innovation
Project

Innovation C.I.R.C.U.S.
Project

SPACES-workshops : cipu
Project

Foresight for Innovators
Project: PhD

Modellering af strategier til service orienteret produktudvikling
Project: PhD
Udvikling af en metodisk tilgang til skabelse af bæredygtige produkt/service-systemer
Project: PhD

Referencearkitektur for produktplatforme og produktionsprocesser
Project: PhD

SPACES
Project

SYNOPSIS: Udredningsarbejde vedrørende et rammesystem for Integreret Innovation i Produkt-, System- og Serviceudvikling
Project

SYNOPSIS
Project

Product/service-systems
Project

Activities:

Sustainability-Driven Innovation through Product-Service Systems (External organisation)
Activity: Examinations and supervision › External examination

Characterisation of best practices in eco-design for the training of engineering designers: Summary of dimensions, methods, tools and activities (External organisation)
Activity: Membership › Membership in review committee

Ecodesign implementation for complex industrial systems: From scenario-based LCA to the definition of an eco-innovative R&D projects portfolio (External organisation)
Activity: Examinations and supervision › External examination

Charting of ecodesign experiences, needs and perspectives
Activity: Talks and presentations › Conference presentations

Product/Service-Systems Design from an Engineering Perspective
Activity: Talks and presentations › Conference presentations

Product/Service-System Strategies, Design and Markets
Activity: Talks and presentations › Conference presentations

Open innovation practices in a cluster context: A Medicon Valley case study
Activity: Talks and presentations › Conference presentations

NordDesign 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Ecodesign workshop
Activity: Attending an event › Participating in or organising a conference

Strategic approaches to product/service-systems: Strategy, design and practice
Activity: Talks and presentations › Conference presentations
Teaching, learning and creativity (UDTU): Examples from the lecture theatre – and the design studio  
Activity: Talks and presentations » Conference presentations

12th International design conference  
Activity: Attending an event » Participating in or organising a conference

Ecodesign Maturity Model: a framework to support companies in the selection and implementation of ecodesign practices  
(External organisation)  
Activity: Membership » Membership in review committee

PSS Workshop Series  
Activity: Attending an event » Participating in or organising a conference

PROTEUS-Workshops  
Activity: Attending an event » Participating in or organising a conference

Environmentally conscious design of medical devices (External organisation)  
Activity: Membership » Membership in review committee

Creating a business plan  
Activity: Talks and presentations » Conference presentations

Cranfield IMRC PSS Dissemination Day  
Activity: Attending an event » Participating in or organising workshops, courses, seminars etc.

A Value-centric Decision Making Framework for Maintenance Services Outsourcing (External organisation)  
Activity: Membership » Membership in review committee

The Future of Eco-Innovation  
Activity: Attending an event » Participating in or organising workshops, courses, seminars etc.

Product/service-systems design and engineering: at Human Factors in Service Engineering Course, San Jose State University, USA  
Activity: Talks and presentations » Conference presentations

Sustainable Product/Service Innovation: at BID Seminar, Berkeley Institute of Design, USA  
Activity: Talks and presentations » Conference presentations

Eco-Innovation in the Value Chain; 1: at "Engineering for the 21st Century", University of São Paulo  
Activity: Talks and presentations » Conference presentations

Product/Service-Systems as an Innovation Competency: Theory, Cases and Reflections  
Activity: Talks and presentations » Conference presentations

Sustainable Product/Service Innovation (DesignX): From Buzzword to Business  
Activity: Talks and presentations » Conference presentations

18th International Conference on Engineering Design: Impacting Society Through Engineering Design  
Activity: Attending an event » Participating in or organising workshops, courses, seminars etc.
5th Annual New Product Development Strategies Conference; 5
Activity: Talks and presentations › Conference presentations

Strategic approaches to product/service-systems design: Guest lecture, Ruhr-Universität Bochum
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Transport Innovation Network
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Teaching, learning and creativity (UDTU): Examples from the lecture theatre – and the design studio
Activity: Talks and presentations › Conference presentations

Welfare Technology (VelTek)
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Ecodesign: Tools, Cases and Future Scenarios
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Sustainable Design: Experiences and reflections from research, teaching and consultancy
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

PROTEUS: Product/service innovation in the maritime branch
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Product Development Day (PU-Dagen)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Product/service-system design strategies
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Teaching, learning and creativity (UDTU): Examples from the lecture theatre – and the design studio
Activity: Talks and presentations › Conference presentations

Decision Support for Sustainable Value Chains – DecSUS 2010-2013 (Event)
Activity: Research › Peer review of manuscripts

Management: Creating results together with others
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Strategic approaches to product/service-systems
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Innovation with perspective
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Sustainable Design (MMT): How well prepared are we, methodically speaking?
Activity: Other

Sustainable Design: Taking the challenge into product development
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities
Workshop on sustainable product service system development (EAFIT)
Activity: Talks and presentations › Conference presentations

Implementing Sustainable Design Strategies
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Meeting the challenges and opportunities of sustainability through mechatronic product development (IMechE): UK Mechatronics Forum Prestige Lecture
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Motivation and tools for ecodesign
Activity: Talks and presentations › Conference presentations

Can innovation processes be standardised?
Activity: Talks and presentations › Conference presentations

Innovation i energisektoren
Activity: Talks and presentations › Conference presentations

Product/service-systems
Activity: Other

Marketings role and involvement in product development
Activity: Talks and presentations › Conference presentations

Design Society Advisory Board (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Press clippings:

Ecodesign: A Challenge for Product Developers: Interview with Eco-designer Tim McAloone
Press / Media

Virksomheder skeptiske over for vugge til vugge
Press / Media

Sæt serviceudviklingen i system
Press / Media

Produktservice kan skrue op for virksomhedernes indtjening
Press / Media

Fra skrald til guldgrube
Press / Media

Fremtidens sofa under miljølup
Press / Media

Det er gratis at tænke miljø ind i produktet
Press / Media
Miljøforbedringer gennem produktudvikling betaler sig
Press / Media

Kunde og leverandør har fælles interesse i partnerskaber – Interview med Tim McAloone
Press / Media

Små virksomheder er afhængige af internationale netværk
Press / Media

Klimaøkonomien kræver nye forretningsmodeller
Press / Media

Produkter til den tredje miljøbølge
Press / Media

Den tredje miljøbølge
Press / Media

Det faste forhold som forretningsmodel
Press / Media

Design skal få verden til at bære over med os
Press / Media

En bæredygtig kontorstol
Press / Media

Miljømærker fortæller kun den halve sandhed
Press / Media

Globalt treholdsskift øger effektiviteten
Press / Media

Verdens 20 Mest Innovative Virksomheder
Press / Media

DTU i spidsen for miljørigtig konstruktion
Press / Media

Tovtræskning om den innovative elite
Press / Media

Sustainability as a driver for Innovation
Press / Media

Livskvalitet driver fremtidens milliardindustrier
Press / Media

Nye opfindelser på rekordtid
Press / Media
Nyt center skal nytænke produktudvikling
Press / Media

Produktudviklingslandkortet placerer kompetencerne
Press / Media

DTU har lavet landkort over dansk innovation
Press / Media

Det er muligt at gøre en forskel
Press / Media

Jagten på Innovationen
Press / Media

Bilfabrikker som forbillede for produktudvikling
Press / Media

Alarmerende behov for nye udviklingsmetoder
Press / Media

Produktudvikling der støver
Press / Media

Miljø-design kræver ny strategi
Press / Media