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Publications

Carbon footprint principles and challenges in transport logistics

Steger-Jensen, K., Hvolby, H.-H., Vestergaard, S., Neagoe, M. & Svensson, C., 2025, In: TEHNIČKI GLASNIK. 19, 1, p. 127-135 9 p.

Enabling green manufacturing using Advanced Planning and Scheduling (APS) technology

Steger-Jensen, K., Hvolby, H.-H., Dukovska-Popovska, I., Vestergaard, S. & Svensson, C., 2019, *10th IEEE International Conference on Cognitive Infocommunications – CogInfoCom 2019, Proceedings*. IEEE (Institute of Electrical and Electronics Engineers), 6 p. 9089996. (IEEE International Conference on Cognitive Infocommunications (CogInfoCom)).

Towards a Green and Sustainable Manufacturing Planning and Control Paradigm Using APS Technology

Steger-Jensen, K., Dreyer, H., Hvolby, H.-H. & Strandhagen, O., Sept 2014, *Advances in Production Management Systems Innovative and Knowledge-Based Production Management in a Global-LocalWorld: IFIP WG 5.7 International Conference, APMS 2014 Ajaccio, France, September 20-24, 2014 Proceedings, Part II*. Springer, p. 442-449 (IFIP AICT - Advances in Information and Communication technology, Vol. 439).

Advanced planning and scheduling technology

Steger-Jensen, K., Hvolby, H.-H., Nielsen, P. & Nielsen, I. E., 2011, In: *Production Planning & Control*. 22, 8, p. 800-808

Review of an ERP System Supporting Lean Manufacturing

Steger-Jensen, K. & Hvolby, H. H., 2008, In: *IFIP International Federation for Information Processing*. p. 67-74

E-business Solutions as Supply Chain Enablers

Steger-Jensen, K. & Hvolby, H. H., 2007, *Advanced Manufacturing - An ICT and Systems Perspective*. Taisch, M., Thoben, K. D. & Montorio, M. (eds.). London: Marcel Dekker, p. 295-302

Web Services as Supply Chain Enablers

Steger-Jensen, K. & Hvolby, H. H., 2007, *Advanced Manufacturing - An ICT and Systems Perspective*. Taisch, M., Thoben, K. D. & Montorio, M. (eds.). London: Marcel Dekker, p. 303-309

Integrating ERP in New Product Development in a Lean Environment: Design, modelling and implementation in an Oracle eBusiness Suite with focus on Flow Manufacturing

Steger-Jensen, K. & Hvolby, H. H., 2006, *Proceedings of the Eighth International Conference on Stimulating Manufacturing Excellence in Small and Medium Enterprises (SMESME)*. Martin, S. (ed.). Coventry University, Future Manufacturing Applied Research Centre (FMARC), p. 19-26

Review of an ERP System Supporting Lean Manufacturing

Steger-Jensen, K. & Hvolby, H. H., 2006, *Lean Business and Beyond*. Koch, T. (ed.). Wroclaw University of Technology, p. 237-241

Framework for Design of Supply Chains: Tested on a DIMS-survey

Steger-Jensen, K., Taps, S. B. & Selmar, S., 2005, *Proceedings of The Seventh SMESME International Conference Stimulating Manufacturing Excellence in Small & Medium Enterprises*. Ball, P. D., Bititci, U. S. & MacBryde, J. C. (eds.). University of Strathclyde, p. 69-76

The Need for Holistic Supply Chain Models Based on an Intelligent Planning and Control System

Steger-Jensen, K. & Hvolby, H.-H., 2005, *Proceedings of the Second IMS-NoE SIG9 Workshop on Supply Chain Integration*. Hvolby, H.-H. (ed.). Denmark., p. 37-52

Improved Optimisation Within Advanced Planning and Scheduling System

Steger-Jensen, K. & Hvolby, H.-H., 2004, *Enhancing Competitive Advantage Through Supply Chain Innovation, Proceedings of the 9th Annual Logistics Research Network Conference*. Huber, E. S. J. M. B. F. P. E. B. (ed.).

Issues of Mass Customisation and Supporting IT-solutions

Steger-Jensen, K. & Svensson, C., 2004, In: *Computers in Industry*. 54, 54, p. 83-103

Issues on E-business Solutions

Steger-Jensen, K. & Hvolby, H.-H., 2004, *Proceedings of the Eighth International Conference on Manufacturing & Management*.

Review of Web Services and Business Management Through Web Services

Steger-Jensen, K. & Hvolby, H.-H., 2004, *IMS International Forum 2004 - Global Changes in Manufacturing*. Montorio, M. T. E. F. P. G. K. L. M. (ed.).

Case study: Production Strategy in a SME

Steger-Jensen, K. & Hvolby, H.-H., 2003, *Proceedings of The Sixth SMESME International Conference, Stimulating Manufacturing Excellence in Small and Medium Enterprises*. Leopoulos, I. P. T. V. N. (ed.).

Holistisk logistik kræver en stærk og kompetent ledelse

Steger-Jensen, K., 2003, In: *Logisitk Horisont*. 29, 8

Inspiration til eftertanke

Steger-Jensen, K., 2003, In: *Logisitk Horisont*. 29, 8

Portfolios of Buyer-Supplier Relationships based on Supplier Order De-couple Point and Investment

Steger-Jensen, K. & Hvolby, H.-H., 2003, *Proceedings of The Sixth SMESME International Conference, Stimulating Manufacturing Excellence in Small and Medium Enterprises*. Leopoulos, I. P. T. V. N. (ed.).

Review of B2B integration

Steger-Jensen, K. & Hvolby, H.-H., 2003, *Collaborative Systems for Production Management*. Pels, H. S. J. J. C. W. H. J. (ed.).

Constraint Based Planning in Advanced Planning and Scheduling Systems

Steger-Jensen, K. & Hvolby, H.-H., 2002, *ICE 2002, Proceedings of the 8th International Conference on Concurrent Enterprising*. Thoben, K. S. P. F. W.K.-D. (ed.).

E-Business - med fokus på Advanced Planning and Scheduling

Steger-Jensen, K. & Hvolby, H.-H., 2002, In: *DILF Orientering*. årgang 39, p. 28-32

Planning and scheduling strategies in SMEs

Steger-Jensen, K. & Hvolby, H.-H., 2002, *Manufacturing Information Systems, Proceedings of the Fifth SMESME International Conference*.

Review of B2B Integration

Steger-Jensen, K. & Hvolby, H.-H., 2002, *Collaborative Systems for Production Management, APMS 2002*. Hirschall, H. J. H. W.H.-J. P. A. (ed.).

Analysis of the planning and scheduling functionality in APS systems

Steger-Jensen, K. & Hvolby, H.-H., 2001, *Internet-based Enterprise Integration and Management, Proceedings of SPIE*. Yusuf, A. G. Y. Y. (ed.).

Projects

AddSmart

Madsen, O. (Project Manager), Hansen, S. A. (PI), Hansen, P. K. (PI), Christiansen, L. (PI), Kristiansen, M. (PI), Steger-Jensen, K. (PI) & Lassen, A. H. (PI)
01/10/2022 → 30/09/2025

ValuePole : An extended Value Chain model for performance Prediction and Optimisation of product and process Lifecycles for SMEs

Hvolby, H.-H. (Project Manager), Steger-Jensen, K. (Project Participant), Nielsen, P. (Project Participant) & Nielsen, I. E. (Project Participant)
FP7
01/10/2008 → 01/06/2011

Dataintegration i SME-virksomheders forsyningskæde

Steger-Jensen, K. (Project Participant) & Selmar, S. (Project Participant)
31/12/2007 → 31/12/2007

Design af Metoder til Intelligent Produktionsplanlægning og Kontrol / Design of Methods for Intelligent Production Planning and Control

Steger-Jensen, K. (Project Participant)
31/12/2004 → 31/12/2004

Design af Metoder til Intelligent Produktionsplanlægning og Kontrol / Design of Methods for Intelligent Production Planning and Control

Steger-Jensen, K. (Project Participant)
31/12/2003 → 31/12/2003

Design of intelligent demand planning and control system - Handling risks and uncertainties within global demand operations

Nielsen, P. (Project Participant) & Steger-Jensen, K. (Project Participant)
<ingen navn>
31/12/2008 → 31/12/2008

Diagnostic Technologies in Operations Management

Eriksen, T. (Project Participant), Steger-Jensen, K. (Other) & Nielsen, P. (Other)
01/12/2010 → 01/07/2013

EMPOSME: Enterprise Modeling and Performance Optimisation for SME's

Hvolby, H.-H. (Project Participant) & Steger-Jensen, K. (Project Participant)
European Union
31/12/2005 → 31/12/2007

GREEN: Green Technology

Hvolby, H.-H. (Project Participant), Steger-Jensen, K. (Project Participant) & Dukovska-Popovska, I. (Project Participant)
Fornyelsesfonden
01/09/2012 → 31/08/2014

RefArc: Healthcare reference models

Hvolby, H.-H. (PI), Steger-Jensen, K. (PI), Dukovska-Popovska, I. (PI), Vestergaard, S. (PI) & Nielsen, M. M. (Project Participant)
01/06/2019 → 31/12/2021

Health Logistics

Steger-Jensen, K. (Other), Hvolby, H.-H. (Other) & Nguyen, V. T. (Project Participant)
15/12/2012 → 15/12/2016

IMS

Hvolby, H.-H. (Project Participant) & Steger-Jensen, K. (Project Participant)
31/12/2006 → 31/12/2006

Green II: Intelligent energy- and resource optimization with green business models

Hvolby, H.-H. (PI), Steger-Jensen, K. (PI) & Dukovska-Popovska, I. (PI)
01/01/2016 → 31/12/2018

Intelligent Logistics

Hvolby, H.-H. (Project Coordinator), Steger-Jensen, K. (Project Participant), Nielsen, P. (Project Participant), Nielsen, I. E. (Project Participant), Dukovska-Popovska, I. (Project Participant) & Olesen, P. B. (Project Participant)
Vækstforum
01/10/2008 → 01/10/2010

NØKS/INTERREG: Intelligent Ports

Hvolby, H.-H. (PI), Steger-Jensen, K. (PI) & Dukovska-Popovska, I. (PI)
01/09/2015 → 31/08/2018

Next generation cold supply chains in Denmark and China

Dukovska-Popovska, I. (PI), Chaudhuri, A. (PI), Hvolby, H.-H. (PI), Steger-Jensen, K. (PI), PAWAR, K. S. (PI) & Huo, B. (PI)
01/01/2016 → 12/12/2018

Retail 2020

Hvolby, H.-H. (Project Manager), Dukovska-Popovska, I. (Project Participant) & Steger-Jensen, K. (Project Participant)
01/08/2014 → 31/12/2017

TAPAS: Robotics-enabled logistics and assistive services for the transformable factory of the future (TAPAS)

Madsen, O. (Project Participant), Krüger, V. K. C. (Project Participant), Dang, V. Q. (Project Participant), Nielsen, I. E. (Project Participant), Pedersen, M. R. (Project Participant), Steger-Jensen, K. (Project Participant) & Hvolby, H.-H. (Project Participant)
01/11/2010 → 30/10/2014

SHERPA-SME: Shared Enterprise Resource Planning Architecture for Small and Medium-sized Enterprises

Hvolby, H.-H. (Project Participant) & Steger-Jensen, K. (Project Participant)
European Union
19/05/2010 → 31/12/2011

SmartLog: SmartLog

Hvolby, H.-H. (Project Manager), Vestergaard, S. (Project Manager), Steger-Jensen, K. (Project Manager) & Dukovska-Popovska, I. (Project Participant)
01/05/2012 → 31/12/2020

SmartLog Plus: SmartLog Plus

Vestergaard, S. (Project Manager), Hvolby, H.-H. (PI), Steger-Jensen, K. (Project Manager), Nielsen, M. M. (Project Participant) & Dukovska-Popovska, I. (PI)

01/09/2019 → 31/12/2022

Retail2030: Smart, transparent and sustainable food supply chains (Digimat)

Hvolby, H.-H. (Project Manager), Dukovska-Popovska, I. (PI), Steger-Jensen, K. (PI), Christensen, F. M. M. (Col) & Nielsen, M. M. (Project Participant)

01/05/2019 → 31/12/2022

LogiNord: Sustainable logistics in Nordic fresh food supply chains

Hvolby, H.-H. (Project Participant), Steger-Jensen, K. (Project Participant), Damgaard, C. M. (Project Participant) & Dukovska-Popovska, I. (Project Participant)

01/08/2010 → 31/07/2014

SATIN: Towards a sustainable circular system of textiles in the Nordic region (SATIN)

Dukovska-Popovska, I. (PI), Steger-Jensen, K. (Project Participant), Vestergaard, S. (Project Participant) & Hvolby, H.-H. (Project Participant)

25/08/2020 → 24/07/2022

Value2sea: Value2sea

Steger-Jensen, K. (Project Manager), Hvolby, H.-H. (PI), Vestergaard, S. (PI), Dukovska-Popovska, I. (Project Participant) & Nielsen, M. M. (Project Participant)

01/09/2019 → 31/08/2022

V4C: Value4sea

Steger-Jensen, K. (PI)

01/12/2023 → 30/11/2026