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## Publikationer

**Autonomous mobile robots in sterile instrument logistics: an evaluation of the material handling system for a strategic fit framework**

Fragapane, G., Hvolby, H. H., Sgarbossa, F. & Strandhagen, J. O., 2023, I: *Production Planning and Control*. 34, 1, s. 53-67 15 s.

**Sales and operations planning for delivery date setting in engineer-to-order manufacturing: a research synthesis and framework**

Bhalla, S., Alfnes, E., Hvolby, H. H. & Oluyisola, O., 25 nov. 2022, (Accepteret/In press) I: *International Journal of Production Research*.

**Tools and practices for tactical delivery date setting in engineer-to-order environments: a systematic literature review**

Bhalla, S., Alfnes, E. & Hvolby, H-H., 5 apr. 2022, (E-pub ahead of print) I: *International Journal of Production Research*. s. 1-33 33 s.

**Sales and Operations Planning for Delivery Date Setting in Engineer-to-Order Maritime Equipment Manufacturing: Insights from Two Case Studies**

Bhalla, S., Alfnes, E. & Hvolby, H. H., 2022, *Advances in Production Management Systems. Smart Manufacturing and Logistics Systems: Turning Ideas into Action - IFIP WG 5.7 International Conference, APMS 2022, Proceedings*. Kim, D. Y., von Cieminski, G. & Romero, D. (red.). Springer, s. 321-328 8 s. (I F I P Advances in Information and Communication Technology, Bind 664 IFIP).

**Using discrete-event simulation to compare congestion management initiatives at a port terminal**

Neagoe, M., Hvolby, H. H., Taskhiri, M. S. & Turner, P., nov. 2021, I: *Simulation Modelling Practice and Theory*. 112, 102362.

**Why are we still queuing? Exploring landside congestion factors in Australian bulk cargo port terminals**

Neagoe, M., Hvolby, H-H., Taskhiri, M. S. & Turner, P., aug. 2021, I: *Maritime Transport Research*. 2, 14 s., 100036.

**Advances in spare parts classification and forecasting for inventory control: A literature review**

Bhalla, S., Alfnes, E., Hvolby, H. H. & Sgarbossa, F., 2021, I: *IFAC-PapersOnLine*. 54, 1, s. 982-987 6 s.

**Development of an Eco-efficiency Distribution Model: A Case Study of a Danish Wholesaler**

Jeberg, M. H., Sloth, S. H., Løgtved, J. H., Hvolby, H. H. & Steger-Jensen, K., 2021, *Advances in Production Management Systems. Artificial Intelligence for Sustainable and Resilient Production Systems - IFIP WG 5.7 International Conference, APMS 2021, Proceedings*. Dolgui, A., Bernard, A., Lemoine, D., von Cieminski, G. & Romero, D. (red.). Springer Science+Business Media, s. 641-648 8 s. (I F I P Advances in Information and Communication Technology, Bind 633 IFIP).

**Information exchange and block chains in short sea maritime supply chains**

Hvolby, H. H., Steger-Jensen, K., Bech, A., Vestergaard, S., Svensson, C. & Neagoe, M., 2021, I: *Procedia Computer Science*. 181, s. 722-729 8 s.

### **Requirements for Sales and Operations Planning in an Engineer-to-Order Manufacturing Environment**

Bhalla, S., Alfnes, E., Hvolby, H. H. & Oluyisola, O. E., 2021, *Advances in Production Management Systems. Artificial Intelligence for Sustainable and Resilient Production Systems - IFIP WG 5.7 International Conference, APMS 2021, Proceedings*. Dolgui, A., Bernard, A., Lemoine, D., von Cieminski, G. & Romero, D. (red.). Springer Science+Business Media, s. 371-380 10 s. (I F I P Advances in Information and Communication Technology, Bind 633 IFIP).

### **Autonomous Mobile Robots in Hospital Logistics**

Fragapane, G., Hvolby, H. H., Sgarbossa, F. & Strandhagen, J. O., 2020, *Advances in Production Management Systems. The Path to Digital Transformation and Innovation of Production Management Systems - IFIP WG 5.7 International Conference, APMS 2020, Proceedings*. Lalic, B., Marjanovic, U., Majstorovic, V., von Cieminski, G. & Romero, D. (red.). Springer VS, s. 672-679 8 s. (I F I P Advances in Information and Communication Technology, Bind 591 IFIP).

### **From information sharing to information utilization in food supply chains**

Kiil, K., Hvolby, H. H., Trienekens, J., Behdani, B. & Strandhagen, J. O., 1 jan. 2019, I: *International Journal of Information Systems and Supply Chain Management*. 12, 3, s. 85-109 25 s.

### **APS Feasibility in an Engineer to Order Environment**

Alfnes, E. & Hvolby, H-H., 2019, *Advances in Production Management Systems. Production Management for the Factory of the Future: IFIP WG 5.7 International Conference, APMS 2019, Austin, TX, USA, September 1-5, 2019, Proceedings, Part I*. Springer, s. 604-611 (I F I P, Bind 566).

### **Assessing Fit of Capacity Planning Methods for Delivery Date Setting: An ETO Case Study**

Bhalla, S., Alfnes, E. & Hvolby, H-H., 2019, *Advances in Production Management Systems. Towards Smart Production Management Systems: IFIP WG 5.7 International Conference, APMS 2019, Austin, TX, USA, September 1-5, 2019, Proceedings, Part II*. Springer, s. 265-273 (I F I P).

### **Collaborative Exchange of Cargo Truck Loads: Approaches to Reducing Empty Trucks in Logistics Chains**

Hvolby, H-H., Steger-Jensen, K., Neagoe, M., Vestergaard, S. & Turner, P., 2019, *Advances in Production Management Systems. Towards Smart Production Management Systems : IFIP WG 5.7 International Conference, APMS 2019, Austin, TX, USA, September 1-5, 2019, Proceedings, Part II*. Springer, s. 68-74 (I F I 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, 6 s. 9089996. (IEEE International Conference on Cognitive Infocommunications (CogInfoCom)).

### **Horizontal Integration in Fresh Food Supply Chain**

Christensen, F. M. M., Mantravadi, S., Dukovska-Popovska, I., Hvolby, H-H., Steger-Jensen, K. & Møller, C., 2019, *Advances in Production Management Systems. Production Management for the Factory of the Future: IFIP WG 5.7 International Conference, APMS 2019, Austin, TX, USA, September 1-5, 2019, Proceedings, Part I*. Ameri, F., Stecke, K. E., von Cieminski, G. & Kiritsis, D. (red.). Springer, Bind 1. s. 164-172 9 s. (I F I P Advances in Information and Communication Technology, Bind 566).

### **Medical Supplies to the Point-Of-Use in Hospitals**

Fragapane, G. I., Biriita Bertnum, A., Hvolby, H-H. & Strandhagen, J. O., 2019, *Advances in Production Management Systems. Towards Smart Production Management Systems: IFIP WG 5.7 International Conference, APMS 2019, Austin, TX, USA, September 1-5, 2019, Proceedings, Part II*. Springer, s. 248-255 (I F I P).

### **Modelling the supply chain impact of a digital terminal appointment systems parameters and user behaviours. A discrete event simulation approach**

Neagoe, M., Hvolby, H-H., Taskhiri, M. S. & Turner, P., 2019, *Proceedings from the Australasian Conference on Information Systems*. AIS Electronic Library, Bind 87. 7 s.

### **Understanding the Impact of User Behaviours and Scheduling Parameters on the Effectiveness of a Terminal Appointment System Using Discrete Event Simulation**

Neagoe, M., Hvolby, H-H., Taskhiri, M. S. & Turner, P., 2019, *Advances in Production Management Systems. Towards Smart Production Management Systems: IFIP WG 5.7 International Conference, APMS 2019, Austin, TX, USA, September 1-5, 2019, Proceedings, Part II*. Springer, s. 27-34 (I F I P, Bind 567).

**Using discrete-event simulation to explore the impact of user behaviours on the effectiveness of a terminal appointment system**

Neagoe, M., Taskhiri, M. S., Turner, P. & Hvolby, H-H., 2019, *Proceedings of the 33rd annual European Simulation and Modelling Conference*. EUROSIS-ETI

**Automatic replenishment of perishables in grocery retailing: The value of utilizing remaining shelf life information**

Kiil, K., Hvolby, H. H., Fraser, K., Dreyer, H. & Strandhagen, J. O., 3 sep. 2018, I: *British Food Journal*. 120, 9, s. 2033-2046 14 s.

**Sustainable food supply chains: the impact of automatic replenishment in grocery stores**

Kiil, K., Dreyer, H., Hvolby, H-H. & Chabada, L., 25 jan. 2018, I: *Production Planning & Control*. 29, 2, s. 106-116 11 s.

**Material Distribution and Transportation in a Norwegian Hospital: A Case Study**

Fragapane, G. I., Biriita Bertnum, A., Hvolby, H. H. & Strandhagen, J. O., 1 jan. 2018, I: *IFAC-PapersOnLine*. 51, 11, s. 352-357 6 s.

**Ecosystem Services for Wine Sustainability: A Case in Point of Sustainable Food Systems**

Sandhu, S., Soosay, C. A., Harris, H., Hvolby, H-H. & Sandhu, H., 2018, *Handbook of Engaged Sustainability*. Dhiman, S. & Marques, J. (red.). Springer, s. 1-30 30 s. (Handbook of Engaged Sustainability).

**Challenges and opportunities in 'last mile' logistics for on-line food retail**

Trienekens, J., Hvolby, H. H. & Turner, P., 1 jan. 2017, *Advances in Production Management Systems: The Path to Intelligent, Collaborative and Sustainable Manufacturing - IFIP WG 5.7 International Conference, APMS 2017, Proceedings*. Springer, Bind 514. s. 122-129 8 s. (IFIP Advances in Information and Communication Technology, Bind 514).

**Inventory allocation of perishables: Guidelines**

Kiil, K., Hvolby, H. H., Dreyer, H. C. & Strandhagen, J. O., 1 jan. 2017, *Advances in Production Management Systems: The Path to Intelligent, Collaborative and Sustainable Manufacturing - IFIP WG 5.7 International Conference, APMS 2017, Proceedings*. Springer, Bind 514. s. 113-121 9 s. (IFIP Advances in Information and Communication Technology, Bind 514).

**Supply chain strategies for speciality foods: A Norwegian case study**

Dreyer, H. C., Strandhagen, J. O., Hvolby, H. H., Romsdal, A. & Alfnes, E., 17 aug. 2016, I: *Production Planning & Control*. 27, 11, s. 878-893 16 s.

**Implementing environmental sustainability in logistics operations: a case study**

Jørsfeldt, L. M., Hvolby, H-H. & Nguyen, V. T., 2016, I: *Strategic Outsourcing*. 9, 2, s. 98-125

**Managing unforeseen events in production scheduling and control**

Arica, E., Falster, P., Hvolby, H-H., Strandhagen, J. O. & Fraser, K., 2016, *2016 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM)*. IEEE, s. 1518-1522 5 s. (IEEE Proceedings).

**Implementing Sustainability in the Global Supply Chain: The Case of Grundfos**

Jørsfeldt, L. M., Jensen, P. M., Wæhrens, B. V. & Hvolby, H-H., 2015, I: *Operations Management Education Review OMER*. 9, s. 67-88 OMER9-0CS4.

**Linkage Between Delivery Frequency and Food Waste: Multiple Case Studies of a Norwegian Retail Chain**

Chabada, L., Dreyer, H. C., Hvolby, H-H. & Kiil, K., 2015, *Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth : IFIP WG 5.7 International Conference, APMS 2015, Tokyo, Japan, September 7-9, 2015, Proceedings, Part I*. Umeda, S., Nakano, M., Mizuyama, H., Hibino, H., Kiritsis, D. & von Cieminski, G. (red.). Springer, Bind 460. s. 110-117 (IFIP AICT - Advances in Information and Communication technology).

### **Linking Information Exchange to Planning and Control: An Overview**

Kiil, K., Dreyer, H. & Hvolby, H-H., 2015, *Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth : IFIP WG 5.7 International Conference, APMS 2015, Tokyo, Japan, September 7-9, 2015, Proceedings, Part I*. Umeda, S., Nakano, M., Mizuyama, H., Hibino, N., Kiritsis, D. & von Cieminski, G. (red.). Springer, Bind 459. s. 391-398 (IFIP AICT - Advances in Information and Communication technology).

### **Maintenance Management Models: A Study of the Published Literature to Identify Empirical Evidence: A greater practical focus is needed**

Fraser, K., Hvolby, H-H. & Tseng, T-L. B., 2015, I: *International Journal of Quality & Reliability Management*. 32, 6, s. 635-664

### **Managing Cannibalization of Perishable Food Products in the Retail Sector**

Hvolby, H-H. & Steger-Jensen, K., 2015, I: *Procedia Computer Science*. 64, s. 1051-1056

### **Performance Measures at the Accident and Emergency Department in Denmark: The Issue of Unified Targets**

Nguyen, V. T., Dukovska-Popovska, I., Steger-Jensen, K., Hvolby, H-H. & Damgaard, K. A., 2015, *Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth : IFIP WG 5.7 International Conference, APMS 2015, Tokyo, Japan, September 7-9, 2015, Proceedings, Part I*. Umeda, S., Nakano, M., Mizuyama, H., Hibino, H., Kiritsis, D. & von Cieminski, G. (red.). Springer, Bind 460. s. 637-645 (IFIP AICT - Advances in Information and Communication technology).

### **Using Lean Principles to Drive Operational Improvements in Intermodal Container Facilities: A Conceptual Framework**

Olesen, P. B., Powell, D., Hvolby, H-H. & Fraser, K., 2015, I: *Journal of Facilities Management*. 13, 3, s. 266-281

### **Hospital Planning Environment Variables Applied in Practice: A Multiple Danish Case Study**

Nguyen, V. T., Sommer, A. F., Steger-Jensen, K. & Hvolby, H-H., sep. 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, Bind 439. s. 667-674 (IFIP AICT - Advances in Information and Communication technology, Bind 439).

### **The Misalignment between Hospital Planning Frameworks and their Planning Environment – A Conceptual Matching Approach**

Nguyen, V. T., Sommer, A. F., Steger-Jensen, K. & Hvolby, H-H., sep. 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, s. 675-682 (IFIP AICT - Advances in Information and Communication technology, Bind 439).

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

Steger-Jensen, K., Dreyer, H., Hvolby, H-H. & Strandhagen, O., sep. 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, s. 442-449 (IFIP AICT - Advances in Information and Communication technology, Bind 439).

### **Modelling and Organising Customer Driven Business Process in a Mass Customization Environment**

Hvolby, H-H., Martin, C. & Dreyer, H., feb. 2014, *ABSTRACTS MCPC2014*. Nielsen, K., Brunø, T. D., Taps, S. B. & Jørgensen, K. A. (red.). Department of Mechanical and Manufacturing Engineering, Aalborg University, s. 62

### **Strategic port development: Identifying a development approach for small and medium-sized ports**

Olesen, P. B., Dukovska-Popovska, I., Hvolby, H-H. & Steger-Jensen, K., feb. 2014, I: *Danish Journal of Transportation Research - Dansk tidsskrift for transportforskning*. 2012, 16 s.

### **Applicability of Planning and Control in a Port Environment**

Olesen, P. B., Damgaard, C. M., Hvolby, H-H. & Dukovska-Popovska, I., 2014, *APMS 2014, Part I, IFIP AICT: IFIP WG 5.7 International Conference, APMS 2014, Ajaccio, France, September 20-24, 2014, Proceedings, Part I*. Springer, s. 555-562 (IFIP AICT - Advances in Information and Communication technology, Bind 438).

### **Designing a Decision Support System for Production Scheduling Task in Complex and Uncertain Manufacturing Environments**

Arica1, E., Strandhagen, J. O. & Hvolby, H-H., 2014, *Advances in Production Management Systems. Innovative and Knowledge-Based Production Management in a Global-Local World: IFIP WG 5.7 International Conference, APMS 2014, Ajaccio, France, September 20-24, 2014, Proceedings, Part I*. Springer, s. 589–596 (IFIP AICT - Advances in Information and Communication technology, Bind 438).

### **Framework for Information Sharing in a Small-to-Medium Port System Supply Chain**

Olesen, P. B., Damgaard, C. M., Hvolby, H-H., Dukovska-Popovska, I. & Sommer, A. F., 2014, *Advances in Production Management Systems. Innovative and Knowledge-Based Production Management in a Global-Local World: IFIP WG 5.7 International Conference, APMS 2014, Ajaccio, France, September 20-24, 2014, Proceedings, Part I*. Springer, s. 257-264 (IFIP AICT - Advances in Information and Communication technology, Bind 438).

### **Logistical Causes of Food Waste: A Case Study of a Norwegian Distribution Chain of Chilled Food Products**

Chabada, L., Damgaard, C. M., Dreyer, H. C., Hvolby, H-H. & Dukovska-Popovska, I., 2014, *APMS 2014, Part I, IFIP AICT*. Springer, s. 273–280 (IFIP AICT - Advances in Information and Communication technology, Bind 438).

### **Modelling and Organising Customer-Driven Business Processes in a Mass Customisation Environment**

Hvolby, H-H., Martin, C. & Dreyer, H., 2014, *Proceedings of the 7th World Conference on Mass Customization, Personalization, and Co-Creation (MCPC 2014)*. Springer, s. 401-408 (Lecture Notes in Production Engineering).

### **Supply Uncertainty in Food Processing Supply Chain: Sources and Coping Strategies**

Chaudhuri, A., Dukovska-Popovska, I., Damgaard, C. M. & Hvolby, H-H., 2014, I: *IFIP AICT - Advances in Information and Communication technology*. 440, s. 183-191

### **Enabling information sharing in a port**

Olesen, P. B., Hvolby, H. H. & Dukovska-Popovska, I., 25 nov. 2013, *Advances in Production Management Systems: Competitive Manufacturing for Innovative Products and Services - IFIP WG 5.7 International Conference, APMS 2012, Revised Selected Papers*. PART 2 udg. s. 152-159 8 s. (I F I P Advances in Information and Communication Technology; Nr. PART 2, Bind 398).

### **Handling unexpected events in production activity control systems**

Arica, E., Strandhagen, J. O. & Hvolby, H-H., 25 nov. 2013, *IFIP Advances in Information and Communication Technology*. Emmanouilidis, C., Taisch, M. & Kiritsis, D. (red.). PART 2 udg. Springer Publishing Company, Bind 398. s. 136-143 8 s. (I F I P Advances in Information and Communication Technology; Nr. 2, Bind 398).

### **Improving port terminal operations through information sharing**

Olesen, P. B., Dukovska-Popovska, I. & Hvolby, H. H., 25 nov. 2013, *Advances in Production Management Systems: Competitive Manufacturing for Innovative Products and Services - IFIP WG 5.7 International Conference, APMS 2012, Revised Selected Papers*. PART 2 udg. s. 662-669 8 s. (I F I P Advances in Information and Communication Technology; Nr. PART 2, Bind 398).

### **A taxonomy of current literature on reverse logistics**

Granlie, M., Hvolby, H. H., Cassel, R. A., De Paula, I. C. & Soosay, C., 8 aug. 2013, *IFAC Proceedings Volumes (IFAC-PapersOnline)*. Tsuzuki, M. D. S. G. & Silva, J. R. (red.). IFAC Publisher, s. 275-280 6 s. (I F A C Workshop Series, Bind 11).

### **Commitment to service quality in automotive dealerships: results from an Australian pilot study**

Fraser, K., Watanabe, C. & Hvolby, H-H., 2013, I: *Journal of Services Research*. 13, 1, s. 7-29 25 s.

### **Enabling information sharing in a port**

Olesen, P. B., Hvolby, H-H. & Dukovska-Popovska, I., 2013, *Proceedings of the International Conference on Advances in Production Management Systems 2012, Rhodes, Greece, 2012..* Springer, Bind 398. s. 152-159 8 s.

### **Improving port terminal operations through information sharing**

Olesen, P. B., Dukovska-Popovska, I. & Hvolby, H-H., 2013, *Proceedings of the International Conference on Advances in Production Management Systems 2012, Rhodes, Greece, 2012*. Springer, Bind 398. s. 662-669 8 s.

### **Perishable Inventory Challenges**

Damgaard, C. M., Nguyen, V. T., Hvolby, H-H. & Steger-Jensen, K., 2013, *Advances in Production Management Systems. Competitive Manufacturing for Innovative Products and Services: IFIP WG 5.7 International Conference, APMS 2012, Rhodes, Greece, September 24-26, 2012, Revised Selected Papers, Part II*. Springer Publishing Company, Bind 397-398 . s. 670-677 7 s. (IFIP AICT - Advances in Information and Communication technology).

### **Planning and control in fresh food supply chains: A literature review**

Damgaard, C. M., Chabada, L., Dukovska-Popovska, I., Dreyer, H. C. & Hvolby, H-H., 2013, *nofoma.net/proceedings2013/*. NOFOMA, 16 s.

### **TQM in new car dealerships: a study from the firms' perspective**

Fraser, K., Tseng, B. & Hvolby, H-H., 2013, I: *The T Q M Journal*. 25, 1, s. 5-17

### **Underlying Factors for Practicality of the Production Control Systems**

Arica, E., Strandhagen, J. O. & Hvolby, H-H., 24 sep. 2012, *Proceedings of the International Conference on Advances in Production Management Systems 2012, Rhodes, Greece, 2012*. 8 s.

### **Strategic port development: Identifying business opportunities for the Port of Aalborg**

Olesen, P. B., Dukovska-Popovska, I., Steger-Jensen, K. & Hvolby, H-H., 27 aug. 2012, I: *Artikler fra Trafikdage på Aalborg Universitet*. 10 s.

### **A Stochastic After-Taxes Optimisation Model to Support Distribution Network Strategies**

Fernandes, R., Hvolby, H-H., Gouveia, B. & Pinho, C., jul. 2012, I: *A R P N Journal of Systems and Software*. 2, 7, s. 221-227

### **A concept for collaborative supply chain planning**

Alfnes, E., Dreyer, H. C., Hvolby, H-H., Steger-Jensen, K. & Fraser, K., 2012, *3rd IEEE International Conference on Cognitive Infocommunications CogInfoCom 2012 Proceedings*. IEEE, s. 207-210

### **Decision Support for effective production control: insights from industry**

Africa, E., Nehzati, T., Strandhagen, J. O., Hvolby, H-H. & Alfnes, E., 2012, *3rd IEEE International Conference on Cognitive Infocommunications, CogInfoCom 2012, Proceedings*. IEEE, s. 201-205

### **Establishing a business process reference model for Universities**

Svensson, C. & Hvolby, H-H., 2012, I: *Procedia Technology*. 5, s. 635-642

### **Simulation of production setup changes in an SME**

Hvolby, H-H., Svensson, C. & Steger-Jensen, K., 2012, I: *Procedia Technology*. 5, s. 643-648

### **Special issue on "Applied simulation, planning and scheduling techniques in industry**

Nielsen, P., Nielsen, I. E., Pellerin, R. & Hvolby, H-H., dec. 2011, I: *Production Planning & Control*. 22, 8, s. 725-726 2 s.

### **Advanced planning and scheduling technology**

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

### **A review of the three most popular maintenance systems: how well is the energy sector represented?**

Fraser, K., Hvolby, H-H. & Watanabe, C., 2011, I: *International Journal of Global Energy Issues*. 35, 2/3/4, s. 287-309

### **Institutional and relational perspectives of supply chain technology integration**

Ali, S. M., Soosay, C. A. & Hvolby, H-H., 2011, *ANZAM 11: The Annual Conference of the Australian and New Zealand Academy of Management*. Orr, S. (red.). Deakin Graduate School of Business, s. 228-243 16 s.

**Production Planning & Control: The Management of Operations: Special issue: Applied Simulation, Planning and Scheduling Techniques in Industry**

Nielsen, P. (red.), Nielsen, I. E. (red.), Pellerin, R. (red.) & Hvolby, H-H. (red.), 2011, 8 udg. Taylor & Francis. 85 s.

**Review of Wireless Technologies for Performance Measurement and Improvement: RFID, Bluetooth, WIFI, GPS**

Olesen, P. B., Hvolby, H-H. & Dukovska-Popovska, I., 2011, *The Modern Information Technology in the Innovation Processes of the Industrial Enterprises*. Dreyer, H. C., Strandhagen, J. O. & Bjartnes, R. (red.). NTNU Engineering Series, Faculty of Engineering Science and Technology: TAPIR Akademisk Forlag, s. 60-70

**Challenges in Business Systems Integration**

Hvolby, H-H. & Trienekens, J. H., dec. 2010, I: *Computers in Industry*. 61, 9, s. 808-812

**Technical and Industrial Issues of Advanced Planning and Scheduling (APS) Systems**

Hvolby, H-H. & Steger-Jensen, K., dec. 2010, I: *Computers in Industry*. 61, 9, s. 845-851

**Trends and Challenges in Production and Supply Chain Management**

Hvolby, H-H. & Trienekens, J., dec. 2010, I: *Computers in Industry*. 61, 9, s. 807 1 s.

**Advances in Kanban Tracking**

Olesen, P. B., Hvolby, H-H. & Steger-Jensen, K., sep. 2010, *Proceedings of APMS 2010*. Garetti, M., Taisch, M., Cavalieri, S., Terzi, S. & Tucci, M. (red.). Conference proceedings, IFIP, 8 s.

**A Model Driven Diagnostic Tool and Approach for Optimising the Enterprise and Supply Chain Performance**

Eriksen, T., Steger-Jensen, K., Hvolby, H-H. & Nielsen, P., sep. 2010, *Proceedings of APMS 2010*. Garetti, M., Taisch, M., Cavalieri, S., Terzi, S. & Tucci, M. (red.). Conference proceedings, IFIP, 8 s.

**New Product Development Project Workflow, Scheduling and Evaluation**

Nielsen, I. E. & Hvolby, H-H., aug. 2010, *Proceedings of The 12th International MITIP Conference The Modern Information Technology in the Innovation Processes of the Industrial Enterprises*. Hvolby, H-H., Gundelund, C. H., Nielsen, P., Nielsen, I. E., Dukovska-Popovska, I. & Steger-Jensen, K. (red.). Centre for Logistics, Aalborg University, s. 210-219 10 s.

**Proceedings of The 12th International MITIP Conference The Modern Information Technology in the Innovation Processes of the Industrial Enterprises**

Hvolby, H-H. (red.), Gundelund, C. H. (red.), Nielsen, P. (red.), Nielsen, I. E. (red.), Dukovska-Popovska, I. (red.) & Steger-Jensen, K. (red.), aug. 2010, Centre for Logistics, Aalborg University. 302 s.

**Real Time Information for Sustainable Fresh Food Supply Chain Management with RFID**

Dukovska-Popovska, I., Nielsen, P., Hvolby, H-H. & Steger-Jensen, K., aug. 2010, *Proceedings of The 12th International MITIP Conference The Modern Information Technology in the Innovation Processes of the Industrial Enterprises*. Hvolby, H-H., Gundelund, C. H., Nielsen, P., Nielsen, I. E., Dukovska-Popovska, I. & Steger-Jensen, K. (red.). Centre for Logistics, Aalborg University, s. 230-237 8 s.

**Review of JIT Development with Special Focus on Alternatives to Traditional KANBAN**

Olesen, P. B. & Hvolby, H-H., aug. 2010, *Proceedings of The 12th International MITIP Conference The Modern Information Technology in the Innovation Processes of the Industrial Enterprises*. Hvolby, H-H., Gundelund, C. H., Nielsen, P., Nielsen, I. E., Dukovska-Popovska, I. & Steger-Jensen, K. (red.). Centre for Logistics, Aalborg University, s. 238-247 9 s.

**Collaborative Demand and Supply Planning Networks**

Hvolby, H-H., Steger-Jensen, K., Alfnes, E. & Dreyer, H. C., jul. 2010, *Enterprise Information Systems Design, Implementation and Management: Organizational Applications*. Cruz-Cunha, M. M. & Varajão, J. (red.). Hershey, New York, USA: IGI global, s. 496-504

**Sustainable Supply Chain Management: Cases and Models of RFID and Information Systems use in Green Logistics**  
Dukovska-Popovska, I., Bertoni, M., Hvolby, H-H., Turner, P. & Steger-Jensen, K., jul. 2010, *Corporate Environmental Management Information Systems: Advancements and Trends*. Teuteberg, F. & Gómez, J. M. (red.). Hershey, New York, USA: IGI global, s. 378-394

**RFID Technology to Support Environmentally Sustainable Supply Chain Management**

Dukovska-Popovska, I., Lim, M. K., Steger-Jensen, K. & Hvolby, H-H., jun. 2010, *Proceedings of the IEEE International Conference on RFID-Technology and Applications*. Electrical Engineering/Electronics, Computer, Communications and Information Technology Association, s. 291-295

**A Model for Conceptualising Green Logistics and its use for Exploring RFIDs in "Greening" Supply Chains**

Bertoni, M., Hvolby, H-H., Steger-Jensen, K., Dukovska-Popovska, I. & Turner, P., maj 2010, *Proceedings of the Conf-IRM 2010 Collaboration and Communication in a Global World*. University of Auckland Business, 14 s.

**Computers in Industry: Special issue: Trends and Challenges in Production and Supply Chain Management**

Hvolby, H-H. (red.) & Trienekens, J. (red.), 2010, 69 s. (Computers in Industry; Nr. 9, Bind 61).

**Effective Teamworking: Can Functional Flexibility Act as an Enhancing Factor? An Australian case study**

Fraser, K. & Hvolby, H-H., 2010, I: Team Performance Management. 16, 1/2, s. 74-94

**Advanced Planning Systems (APS) for Non-hierarchical Manufacturing Networks**

Hvolby, H-H., Steger-Jensen, K., Alfnes, E. & Dreyer, H. C., 2009, *Proceedings of the CENTERIS 2009 Conference on ENTERprise Information Systems*. Cruz-Cunha, M. M., Varajão, J. E. Q. & Amaral, L. A. J. D. (red.). IPCA- Instituto Politécnico do Cávado e do Ave & UTAD - Universidade de Trás-os-Montes e Alto Douro, s. 629-636

**Investigating the Implicit Assumptions of the Hierarchical Demand Planning Approach**

Nielsen, P., Steger-Jensen, K., Hvolby, H-H. & Nielsen, I. E., 2009, *Conference Proceedings of IESM'2009, International Conference on Industrial Engineering and Systems Management*. cd udg. École Polytechnique Montréal, 10 s.

**Opportunities for RFID Technology in Green Supply Chains**

Dukovska-Popovska, I., Steger-Jensen, K., Hvolby, H-H., Bertoni, M. & Turner, P., 2009, *Proceedings of the 11th International Conference on the Modern Information Technology in the Innovation Processes of the Industrial Enterprises (MITIP 2009)*. Macchi, M. & Pinto, R. (red.). Università degli Studi de Bergamo, s. 193-200

**A Decision oriented Performance prediction model for nonhierarchical Supply chain network optimisation (DPSUPPORT)**

Hvolby, H. H. & Steger-Jensen, K., 2008

**Advanced Planning and Scheduling**

Hvolby, H. H. & Steger-Jensen, K., 2008, Aalborg Universitet, 12 s.

**Architectural Framework for Business Information Systems Analysis and Design**

Trienekens, J., Hvolby, H. H., Steger-Jensen, K. & Falster, P., 2008, I: IFIP International Federation for Information Processing. s. 413-421

**Global Supply Networks Research in a Nordic Perspective (NordNet)**

Hvolby, H. H. & Steger-Jensen, K., 2008

**Green Intelligence**

Hvolby, H. H. & Steger-Jensen, K., 2008

**Integration og simulering af intelligent logistik**

Hvolby, H. H. & Steger-Jensen, K., 2008



**PLAnning studios for distributed, real time decision making in non-hierarchical NETworks (PLANET)**

Hvolby, H. H. & Steger-Jensen, K., 2008

**Research Training Network on ICT-enabled Planning and Decision-making in Manufacturing Networks (GENIUS)**

Hvolby, H. H. & Steger-Jensen, K., 2008

**Review of After-sales Service Concepts**

Rolstadaas, A., Hvolby, H. H. & Falster, P., 2008, I: IFIP International Federation for Information Processing. s. 383-391

**Review of an ERP System Supporting Lean Manufacturing**

Steger-Jensen, K. & Hvolby, H. H., 2008, I: IFIP International Federation for Information Processing. s. 67-74

**SPIDS - Supply Chain Planlægning i den grafiske industri**

Hvolby, H. H., 2008

**Technology Implementation - A Case Study**

Martin, C. & Hvolby, H. H., 2008, Aalborg Universitet, 11 s.

**ValuePOLE, An extended Value Chain model for performance Prediction and Optimisation of product and process Lifecycles for SMEs**

Hvolby, H. H. & Steger-Jensen, K., 2008

**Buyer-supplier Relationships and Planning Solutions**

Hvolby, H. H., Trienekens, J. H. & Steger-Jensen, K., 2007, I: Production Planning & Control. 18, 6, s. 487-496

**Coordinated responsiveness for volatile toy supply chains**

Wong, C. Y. & Hvolby, H. H., 2007, I: Production Planning & Control. 18, 5, s. 407-419 13 s.

**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. (red.). London: Marcel Dekker, s. 295-302

**Få virksomheder anvender business intelligence**

Hvolby, H. H. & Steger-Jensen, K., 2007, I: BDO Debat. 2, s. 7

**Multi level configuration of ETO products**

Petersen, T. D., Jørgensen, K. A., Hvolby, H-H. & Nielsen, A. J., 2007, *PRODUCT LIFECYCLE MANAGEMENT: ASSESSING THE INDUSTRIAL RELEVANCE*. Inderscience Publishers, s. 293-302 10 s.

**Supply Chain Integration: State-of-the-art, Trends and Challenges**

Gulledge, T., Hvolby, H. H., Sheahan, C., Sommer, R. & Steger-Jensen, K., 2007, *Advanced Manufacturing - An ICT and Systems Perspective*. Taisch, M., Thoben, K. D. & Montorio, M. (red.). London: Marcel Dekker, s. 283-288

**The ERP Supply chains**

Hvolby, H. H. & Wong, C. Y., 2007, I: International Journal of Integrated Supply Management. 3, 4, s. 321-326

**The implications of information sharing on bullwhip effects in a toy supply chain**

Wong, C. Y., El-Beheiry, M. M., Johansen, J. & Hvolby, H. H., 2007, I: International Journal of Risk Assessment and Management. 7, 1, s. 4-18 15 s.

**Vendor Managed Inventory as a Supply Chain Application**

Hvolby, H. H. & Steger-Jensen, K., 2007, *Advanced Manufacturing - An ICT and System Perspective*. Taisch, M., Thoben, K. D. & Montorio, M. (red.). London: Marcel Dekker, s. 289-294

### **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. (red.). London: Marcel Dekker, s. 303-309

### **Architectural Frameworks for Business Information System Analysis and Design**

Trienekens, J., Hvolby, H. H., Steger-Jensen, K. & Falster, P., 2006, *Lean Business Systems and Beyond*. Koch, T. (red.). Wroclaw University of Technology, s. 277-282

### **Assessing responsiveness of a volatile and seasonal supply chain: a case study**

Wong, C. Y., Arlbjørn, J. S., Hvolby, H. H. & Johansen, J., 2006, I: *International Journal of Production Economics*. 104, 2, s. 709-721 13 s.

### **Conceptual Modelling of Production Management Systems: Towards after-sales services**

Rolstadaas, A., Hvolby, H. H. & Falster, P., 2006, *Lean Business Systems and Beyond*. Koch, T. (red.). Wroclaw University of Technology, s. 203-207

### **Focused Versus Diversified Logistics Performance Measurement in Small and Medium-sized Enterprises**

Hvolby, H. H. & Thorstenson, A., 2006, *11th World Congress for Total Quality Management*. Centre for Organisational Excellence Research ([www.coer.org.nz](http://www.coer.org.nz)), Bind cd. 9 s.

### **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. (red.). Coventry University, Future Manufacturing Applied Research Centre (FMARC), s. 19-26

### **Lean Order Management**

Hvolby, H. H., 2006, *Emerging Trends and Challenges in Information Technology Management*. Khosrow-Pour, M. (red.). Idea Group Publishing, Bind 2. s. 586-588

### **Obtaining Supply Chain Integration by Implementing Vendor**

Hvolby, H. H. & Steger-Jensen, K., 2006, *Proceedings of the Eighth International Conference on Stimulating Manufacturing Excellence in Small and Medium Enterprises (SMESME)*. Martin, S. (red.). Coventry University, Future Manufacturing Applied Research Centre (FMARC), s. 69-76

### **Review of an ERP System Supporting Lean Manufacturing**

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

### **Supply Chain Integration Roadmap**

Gulledge, T., Hvolby, H-H., Sheahan, C., Sommer, R. & Steger-Jensen, K., 2006, *Proceedings of The Second IMS-NoE SIG9 Workshop on Supply Chain Integration*. Hvolby, H-H. (red.). Denmark: Denmark., s. 5-6

### **Vurdering af reaktionsevne i en usikkerhedspræget og sæsonbetonet forsyningskæde**

Wong, C. Y., Arlbjørn, J. S., Hvolby, H. H. & Johansen, J., 2006, *Børsens Ledeshåndbøger: Logistikedelse*. Lythcke-Jørgensen, J., Johansen, J. & Jensen, J. O. (red.). København: Børsen, Bind 5.3. 13 s.

### **Informationssystemer - strategi, kravspecifikation og vurdering af investeringer: folder fra PLUS projektet**

Jensen, T., Thorstenson, A., Steger-Jensen, K. & Hvolby, H-H., 2005, Aalborg: Denmark. 20 s.

### **Internetbaseret informationsudveksling i forsyningskæden: folder fra PLUS projektet**

Hvolby, H-H., Steger-Jensen, K., Thorstenson, A. & Baastrup, J-J., 2005, Aalborg: Denmark. 20 s.

**Proceedings of the Second IMS-NoE SIG9 Workshop on Supply Chain Integration, Copenhagen 28-29 October 2004**  
Hvolby, H-H. (red.), 2005, Aalborg: Denmark. 73 s.

**Produktkonfigurerings og modellering af produktfamilier: folder fra PLUS projektet**  
Jørgensen, K. A., Hvolby, H-H. & Baastrup, J-J., 2005, Aalborg: Denmark. 20 s.

#### **Supply Chain Integration Solutions**

Hvolby, H-H., Steger-Jensen, K., Gullledge, T., Sommer, R. & Sheahan, C., 2005, *Proceedings of Advances in Production Management Systems, Modeling and Implementing the Integrated Enterprise, IFIP 5.7*. cd udg. IFIP, 8 s.

#### **Supply Chain Planning Options for Supplier Relationships**

Hvolby, H-H. & Trienekens, J., 2005, *Proceedings of The Seventh SMESME International Conference Stimulating Manufacturing Excellence in Small & Medium Enterprises*. Ball, P. D., Bititci, U. S. & MacBryde, J. C. (red.). University of Strathclyde, s. 84-91

#### **The Demand Planning Process**

Bonde, H. S. & Hvolby, H-H., 2005, I: *Journal on Chain and Network Science*. 5, 2, s. 73-84

#### **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. (red.). Denmark., s. 37-52

#### **Assessing Responsiveness of Product Differentiation Model and Supply Chain Strategy in a Toy Company**

Wong, C. Y., Arlbjørn, J. S., Johansen, J. & Hvolby, H-H., 2004, *Thirteenth International Working Seminar on Production Economics - Preprints, Volume 3*.

#### **Collaborative Demand Planning**

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

#### **Implication of information sharing on Bullwhip effects in a toy supply chain**

Wong, C. Y., El-Beheiry, M., Johansen, J. & Henrik, H., 2004, *Proceedings of the 2nd. International Workshop on Supply Management and Information System*. Department of Building and Real Estate The Hong Kong Polytechnic University, s. 87-96 10 s.

#### **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. (red.).

#### **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. (red.).

#### **Supply Chain Coordination Problems: Literature Review**

Wong, C. Y., Johansen, J. & Hvolby, H-H., 2004.

#### **Understanding Intra-Organizational Planning Coordination**

Wong, C. Y. & Hvolby, H-H., 2004, *Operations Management as a Change Agent*. Muyldermans, L. N. V. W. M. Y. G. (red.).

### **Vendor Managed Inventory Philosophy and Implementations**

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

### **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. (red.).

### **Dealing with constraint issues in agile discrete manufacturing companies**

Bonde, H. S. & Hvolby, H-H., 2003, *Collaborative Systems for Production Management*. Pels, H. S. J. J. C. W. H. J. (red.).

### **Development of a generic sales forecasting and demand planning process model**

Bonde, H. & 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. (red.).

### **Identifying requirements for a demand planning tool**

Bonde, H. & 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. (red.).

### **IT-based Collaboration in SME Supply Networks**

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

### **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. (red.).

### **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. (red.).

### **Why Use Loosely Coupled Supply Chains?**

Wong, C. Y., Hvolby, H-H. & Johansen, J., 2003, *Proceedings of NOFOMA 2003 - Striving for Leading Edge Logistics*. Juga, J. (red.).

### **Special issue: Stimulating manufacturing excellence in small and medium enterprises**

Hvolby, H. H. & Trienekens, J. H., 1 jan. 2002, I: *Computers in Industry*. 49, 1, s. 1-2 2 s.

### **An outsourcing framework: action research in the heavy industry sector**

Momme, J. & Hvolby, H-H., 2002, I: *Journal of Purchasing & Supply Management*. 8, s. 185-196

### **Business Process Modelling**

Hvolby, H-H. & Barfod, A., 2002, *RIRL 2002*. Carvalho, J. C. D. (red.).

### **Computers in Industry**

Hvolby, H-H. (red.) & Trienekens, J. (red.), 2002, 2002 s.

### **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. (red.).

**Dealing with constraint issues in agile discrete manufacturing companies**

Bonde, H. & Hvolby, H-H., 2002, *Collaborative Systems for Production Management, APMS 2002*. Hirschall, H. J. H. W. H-J. P. A. (red.).

**E-Business - med fokus på Advanced Planning and Scheduling**

Steger-Jensen, K. & Hvolby, H-H., 2002, I: DILF Orientering. årgang 39, s. 28-32

**Functionality of a supply chain planning portal**

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

**Order management using activity chains**

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

**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. (red.).

**Special issue: stimulating manufacturing excellence in small and medium enterprises - editorial**

Hvolby, H-H. & Trienekens, J., 2002, I: Computers in Industry.

**Supply chain planning opportunities for small and medium sized companies**

Hvolby, H-H. & Trienekens, J., 2002, I: Computers in Industry. 1, s. 3-8

**A Framework for Collaborative Planning in Agile Supply Chains**

Bonde, H. & Hvolby, H-H., 2001, <http://www.sck2001.com/> (see papers/supply chain futures/agility).

**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. (red.).

**Collaboration among SMEs and universities: Introduction**

Hvolby, H-H., 2001, I: Industry and Higher Education.

**Collaboration interface modelling in practice**

Bonde, H. & Hvolby, H-H., 2001, I: Logistics Solutions. 3, s. 29-32

**Indicators for performance measurement in small and medium-sized enterprises**

Hvolby, H-H. & Thorstenson, P. A., 2001, I: Proceedings of the Institution of mechanical engineers. Part B, journal of engineering manufacture. B8, s. 1143-1146

**Interface modeling in a collaboration**

Bonde, H. & Hvolby, H-H., 2001, *Logistics Research Network 2001, Conference Proceedings*.

**Manufacturing Information Systems: Proceedings of The Fourth SMESME International Conference**

Hvolby, H-H. (red.), 2001, Aalborg: Denmark.

**Models for supply chain reengineering**

Trienekens, J. & Hvolby, H-H., 2001, I: Production Planning & Control. 12, 3, s. 254-264

### **Supply Chain Planning Classification**

Hvolby, H-H., Trienekens, J. & Bonde, H., 2001, *Internet-based Enterprise Integration and Management, Proceedings of SPIE*. Yusuf, A. G. Y. Y. (red.).

### **Supply Chain Planning in Small and Medium Sized Enterprises**

Hvolby, H-H., Trienekens, J. & Carrie, A., 2001, *Manufacturing Information Systems, Proceedings of the Fourth SMESME International Conference*. Hvolby, H-H. (red.).

### **Linking Modular Product Architecture to the Strategic Sourcing Process: Case Studies of Two Danish Industrial Enterprises**

Momme, J., Møller, M. M. & Hvolby, H-H., 2000, *International Journal of Logistics Research and Applications*. 2, s. 127-146

### **Models for Supply Chain Reengineering**

Hvolby, H-H. & Thorstenson, P. A., 2000.

### **Nordjyllands Produktionsprofil 2000: Små og mellemstore produktionsvirksomheder**

Seiferheld, I., Jensen, T. J., Olsen, W., Taps, S. B., Lindgren, P., Nielsen, J. O., Jørgensen, K. A., Bejder, E. & Hvolby, H-H., 2000, Aalborg Universitetsforlag.

### **Performance Indicators in Small and Medium-sized Enterprises**

Hvolby, H-H. & Thorstenson, P. A., 2000.

### **Performance Measurement and Improvement in Supply Chains**

Trienekens, J. H. & Hvolby, H. H., 2000, *Proceedings of the 3rd (Euro)CINet Conference CI2000 From Improvement to Innovation*. Gertsen, F. (red.). Aalborg Universitet, s. 399-408

### **Performance Measurement in Small and Medium-sized Enterprises**

Hvolby, H-H. & Thorstenson, P. A., 2000, *Proceedings of the Third International Conference on Stimulating Manufacturing Excellence in Small and Medium Enterprises (SMESME)*. Steeple, T. B. F. D. (red.).

### **Planning and Control in Industrial Networks - An Outsourcing Perspective**

Hvolby, H-H., Momme, J. & Trienekens, J., 2000, *Proceedings of the Third International Conference on Stimulating Manufacturing Excellence in Small and Medium Enterprises (SMESME)*. Steeple, T. B. F. D. (red.).

### **Production Characteristics and Performance Measurements: Results from a survey of Danish**

Hvolby, H-H. & Thorstenson, P. A., 2000.

### **Evaluation of three methods for supply chain modelling**

Trienekens, J. & Hvolby, H-H., 1999, *Global Production Management. Proceedings of 7th IFIP WG5.7 International Conference on Advances in Production Management Systems - APMS'99*. Schallock, K. M. O. K. B. (red.).

### **Firm Complexity and Co-ordination Mechanisms within Manufacturing Joint Ventures**

Taps, S. B. & Hvolby, H-H., 1999, *Proceedings of the Second International Conference on Managing Enterprises*. Gibbon, J. A. G. (red.).

### **How to Approach and Implement Strategic Outsourcing programme in a Global Context: Case Study of Danish Industrial Enterprise**

Momme, J. & Hvolby, H-H., 1999, *Global Production Management, IFIP WG5.7 International Conference on Advances in Production Management Systems*. Schallock, K. M. O. K. B. (red.).

### **Improving use of Information Technology in SMEs**

Bonde, H. & Hvolby, H-H., 1999, *Proceedings of the Second International SMESME Conference*. Childe, S. J. (red.).

### **Manufacturing Control Opportunities in the Food Processing and Discrete Manufacturing Industries**

Hvolby, H-H. & Trienekens, J., 1999, I: *International Journal of Industrial Engineering*. 1, s. -

### **Manufacturing Resource Planning (MRPII)**

Hvolby, H-H. & Hasin, A. A., 1999, *Industrial Engineering Applications and Practice: Users' Encyclopaedia*. International Journal of Industrial Engineering

### **Modelling Supply Choices**

Trienekens, J. & Hvolby, H-H., 1999, *Proceedings of the 6th Augrai Working Conference*. Doumeingts, L. E. G. (red.).

### **Strategic Implications of Make-or-buy Decisions in Danish Industrial Companies: An Organisational Approach**

Momme, J. & Hvolby, H-H., 1999, *Proceedings of the Second World Manufacturing Congress, WMC 1999*. Saadat, S. N. M. (red.).

### **Centralized and decentralized control: Finding the right combination**

Haas, H. D., Riis, J. O. & Hvolby, H-H., 1998, *Advances in Production Management Systems: Perspectives and future challenges*. Norio Okino, Hiroyuki Tamura, Susumu Fujii (red.). 1 udg. Springer Publishing Company, s. 218-229 12 s. (IFIP AICT - Advances in Information and Communication technology).

### **Danske virksomheder har svært ved at omstille sig til kundeorienteret produktion**

Hvolby, H-H. & Barfod, A., 1998, I: *Tech World* Nr. 8.

### **How Core Competence Thinking and Outsourcing Interrelate**

Momme, J. & Hvolby, H-H., 1998, *Design for Integration in Manufacturing, Proceedings of the thirteenth IPS Research Seminar*. Riis, J. O. (red.).

### **Modelling Customer Order Processes**

Hvolby, H-H., 1998, *Design for Integration in Manufacturing, Proceedings of the thirteenth IPS Research Seminar*. Riis, J. O. (red.).

### **Ordrestyring -hvorledes man arbejder med de praktiske konsekvenser af kundetilpasning**

Hvolby, H-H. & Barfod, A., 1998, I: *Ledelse i Dag*. Forår1998 8.årgang, s. 1

### **Production control challenges in the food and iron industry**

Hvolby, H-H. & Trienekens, J., 1998, *Advances in Production Management Systems: Perspectives and future challenges*. Norio Okino, Hiroyuki Tamura, Susumu Fujii (red.). Chapman & Hall, s. 291-302 12 s.

### **The implications of interrelationships for decision making processes in companies along the supply chain**

Coll, F., Carrie, A. S., Bititci, U. S., Reid, A., Trienekens, J. & Hvolby, H-H., 1998, *Strategic Management of the Manufacturing Value Chain, Proceedings of the International Conference of the Manufacturing Value-Chain*. Carrie, U. S. B. A. S. (red.).

### **Order Processing Versus Order Management**

Hvolby, H-H., 1997, *Proceedings of POM-97, 8th Annual Meeting of the Production and Operations Management Society*. Gupto, S. K. (red.).

### **Ordrestyring og aktivitetskæder**

Hvolby, H-H. & Barfod, A., 1997, *Børsens Logistikhåndbog*. Børsens Forlag

### **Centralized and Decentralized Control: Finding the Right Combination**

Haas, H. D., Riis, J. O. & Hvolby, H-H., 1996, *Proceedings of the 6th IFIP TC5/WG5.7 International Conference on Advances in Production Management Systems -APMS '96*. Fujii, N. O. H. T. S. (red.).

### **Centralized and Decentralized Control: Finding the right combination**

Haas, H. D., Riis, J. O. & Hvolby, H-H., 1996, *Proceedings of the 11th IPS Fuglsø Seminar*. Riis, J. O. (red.).

### **Enterprise Related Information Systems Design**

Jørgensen, K. A., Hvolby, H-H. & Nielsen, J. A., 1996, *Proceedings of the 4th Engineering Week and Second Fluminense Engineering Seminar*.

### **Future Challenges for Production Control Systems - A comparison of the Food Industry with the Iron Industry**

Hvolby, H-H. & Trienekens, J., 1996, *Proceedings of the 6th IFIP TC5/WG5.7 International Conference on Advances in Production Management Systems - APMS'96*. S., O. N. . T. H. . F. (red.).

### **Manufacturing Information Systems Design**

Hvolby, H-H., Nielsen, J. A. & Jørgensen, K. A., 1996, *Proceedings of 5th International Congress on Industrial Engineering (GI5)*.

### **Ordrestyring hos EBK Fritidshuse A/S**

Barfod, A. & Hvolby, H-H., 1996, I: Effektivitet.

### **Ordrestyring - tidens indsatsområde**

Barfod, A. & Hvolby, H-H., 1996, København: Industriens Forlag. 120 s.

### **Styring af ordrer er tidens indsatsområde**

Hvolby, H-H. & Barfod, A., 1996, I: Tech World Nr. 8.

### **A Holistic and Situational Approach for Effective Production Planning and Control**

Haas, H. D. & Hvolby, H-H., 1995, *PROSEM'95*. Thorstenson, A. (red.).

### **Improved Pegging and Quality - Future Production Demands**

Hvolby, H-H., 1995.

### **Produktionsstyringssystemer til kundeorienteret produktion**

Hvolby, H-H., 1995, *Proceedings fra Rigtig edb-anvendelse i produktionen*. Group, IDG. C. (red.).

### **When does "MRP III" Appear to Close the Gap Between Materials and Capacity Planning?**

Hvolby, H-H., 1995, *Proceedings of IFIP WG5.7 working conference on Managing Concurrent Manufacturing to Improve Industrial Performance*. Storch, R. L. (red.).

### **Administrative Rationalisation by Applying Activity Chains**

Hvolby, H-H. & Barfod, A., 1994, *Issues of Integration in Manufacturing*. Riis, J. O. (red.).

### **A More Flexible Planning Architecture for Centralised and Decentralised Planning**

Hvolby, H-H. & Højbjerg, P., 1994.

### **Introduktion til MRP-baserede produktionsstyringssystemer**

Hvolby, H-H., 1994, *Udvikling af basissystem til produktionsstyring*.

### **The CIM Game - A Role-Playing Game on Integration**

Jørgensen, K. A., Hvolby, H-H. & Lauridsen, J. K., 1994, *Proceedings of the Workshop on Games in Production Management*. Riis, J. O. (red.).



### **A New Model for Controlling Combined Order and Batch Production**

Hvolby, H-H., Barfod, A. & Jørgensen, K. A., 1993, *Approaches to Integration Manufacturing, Proceedings of the 8th IPS Research Seminar*.

### **Experiences from Developing the CIM Game**

Jørgensen, K. A. & Hvolby, H-H., 1993, *Proceedings of Nordisk Oracle Brugerkonference*.

### **Problems Combining Order and Batch Production**

Hvolby, H-H., 1993, *Advances in Production Management Systems*. Tztsiopoulos, I. P. A. I. (red.).

### **Sammenhæng i styringssystemerne giver en mere effektiv produktion**

Hvolby, H-H., Barfod, A., Riis, J. O. & Jørgensen, K. A., 1993, I: *Cad/Cam World*. 4, s. 19-21

### **Nilpeter Case**

Hvolby, H-H., 1992.

### **Problems using MRP in Order Production**

Hvolby, H-H., 1992, I: Working Paper.

### **4GL har endnu lang vej at gå**

Hvolby, H-H., 1990, I: *Cad/Cam World*. 2

### **4 GL - fremtiden for produktionsstyring**

Hvolby, H-H., 1989, I: *Cad/Cam World*. 3

### **Analyse af produktionsstyringssystemer**

Hvolby, H-H., 1989, Institut for Produktion, Aalborg Universitet.

### **Bilagsrapport til licentiatprojekt**

Hvolby, H-H., 1989, Institut for Produktion, Aalborg Universitet.

### **Detailanalyse af PMC**

Hvolby, H-H., 1989, Institut for Produktion, Aalborg Universitet.

### **Gennemgang af BOS**

Hvolby, H-H., 1989, Institut for Produktion, Aalborg Universitet.

### **Produktionsstyringsformer**

Hvolby, H-H., 1989, Institut for Produktion, Aalborg Universitet.

### **Udvikling af tidssvarende informationssystem til produktionsstyring**

Hvolby, H-H., 1989, Institut for Produktion, Aalborg Universitet.

## **Aktiviteter**

### **Projekter**

#### **SATIN: SATIN: Towards a sustainable circular system of textiles in the Nordic region**

Dukovska-Popovska, I., Steger-Jensen, K., Vestergaard, S. & Hvolby, H.  
25/08/2020 → 24/07/2022

**SmartLog Plus: SmartLog Plus**

Vestergaard, S., Hvolby, H., Steger-Jensen, K., Nielsen, M. M. & Dukovska-Popovska, I.  
01/09/2019 → 31/12/2022

**Value2sea: Value2sea**

Steger-Jensen, K., Hvolby, H., Vestergaard, S., Dukovska-Popovska, I. & Nielsen, M. M.  
01/09/2019 → 31/08/2022

**RefArc: Healthcare reference models**

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

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

Hvolby, H., Dukovska-Popovska, I., Steger-Jensen, K., Christensen, F. M. M. & Nielsen, M. M.  
01/05/2019 → 31/12/2022

**Next generation cold supply chains in Denmark and China**

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

**Green II: Intelligent energi- og ressourceoptimering med grønne forretningsmodeller**

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

**NØKS/INTERREG: Intelligent Ports**

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

**Retail 2020**

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

**Health Logistics**

Steger-Jensen, K., Hvolby, H. & Nguyen, V. T.  
15/12/2012 → 15/12/2016

**GREEN: Grøn konkurrenceevne med dynamisk simulering (Green Technology)**

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

**SmartLog: SmartLog Netværk**

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

**Port Logistics**

Hvolby, H., Dukovska-Popovska, I. & Olesen, P. B.  
01/03/2011 → 31/10/2014

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

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

**LogiNord: Sustainable logistics in Nordic fresh food supply chains**

Hvolby, H., Steger-Jensen, K., Damgaard, C. M. & Dukovska-Popovska, I.

01/08/2010 → 31/07/2014

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

Hvolby, H. & Steger-Jensen, K.

European Union

19/05/2010 → 31/12/2011

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

Hvolby, H., Steger-Jensen, K., Nielsen, P. & Nielsen, I. E.

FP7

01/10/2008 → 01/06/2011

**Intelligent Logistics**

Hvolby, H., Steger-Jensen, K., Nielsen, P., Nielsen, I. E., Dukovska-Popovska, I. & Olesen, P. B.

Vækstforum

01/10/2008 → 01/10/2010

**IMS**

Hvolby, H. & Steger-Jensen, K.

31/12/2006 → 31/12/2006

**EMPOSME: Enterprise Modeling and Performance Optimisation for SME's**

Hvolby, H. & Steger-Jensen, K.

European Union

31/12/2005 → 31/12/2007

**PLUS: Planlægning mellem industrielle virksomheder i netværk**

Hvolby, H.

01/11/2005 → 01/11/2005

**Informationssystemer til produktionsstyring**

Hvolby, H.

31/12/2003 → 31/12/2003

**LEVUD: LEVERANCE- OG UDVIKLINGSNETVÆRK**

Hvolby, H.

15/11/2002 → 31/12/2004

**Integration af systemer i ordrebehandlingen i mindre og mellemstore virksomheder.**

Hvolby, H. & Barfod, A.

04/01/1995 → 04/12/1997

**Presseklip**

**Danmark dumper 11 pladser på logistikliste**

Hans-Henrik Hvolby

27/08/2014

1 element af Mediedækning

**Danmark falder 11 pladser på liste over verdens bedste logistik-lande**

Hans-Henrik Hvolby

01/07/2014

1 element af Mediedækning

**Erhvervsfolk ind i havne-selskaber**

Hans-Henrik Hvolby

16/09/2015

1 element af Mediedækning

**Erhvervsfolk ind i havne-selskaber**

Hans-Henrik Hvolby

16/09/2015

2 elementer af Mediedækning

**Fem nordjyske havne samles i ét selskab? Nej!**

Hans-Henrik Hvolby

18/10/2016

2 elementer af Mediedækning

**Flere erhvervsfolk i havne-selskaber**

Hans-Henrik Hvolby

08/09/2015

1 element af Mediedækning

**Fremgang for dansk transportbranche**

Hans-Henrik Hvolby

08/08/2005

1 element af Mediedækning

**Kommentar: Problemer med leverancer**

Hans-Henrik Hvolby

21/09/2007

1 element af Mediedækning

**Samarbejde skal sikre grønnere transport**

Kenn Steger-Jensen & Hans-Henrik Hvolby

01/02/2020

4 elementer af Mediedækning

**"Value2Sea" skal sikre grønnere transport**

Hans-Henrik Hvolby & Kenn Steger-Jensen

21/01/2020

10 elementer af Mediedækning

**Aalborg Universitet i nyt samarbejde**

Hans-Henrik Hvolby

12/02/2007

1 element af Mediedækning