Jens Clausen - DTU Orbit (04/02/2018)

Jens Clausen

Publications:

**A study of traceability and quality assurance in fish supply chains**
Publication: Research › Ph.D. thesis – Annual report year: 2013

**Pricing and Capacity Planning Problems in Energy Transmission Networks**
Publication: Research › Ph.D. thesis – Annual report year: 2011

**Modelling and Analysis of Distributed Energy Systems with Respect to Sustainable Energy: Focus on Electric Drive Vehicles**
Publication: Research › Ph.D. thesis – Annual report year: 2011

**Rostering and Task Scheduling: Applications in Manpower Planning**
Publication: Research › Ph.D. thesis – Annual report year: 2010

**Rich Vehicle Routing Problems and Applications**
Publication: Research › Ph.D. thesis – Annual report year: 2010

**Disruption Management - Foreword**
Publication: Research - peer-review › Journal article – Annual report year: 2010

**Disruption management in the airline industry-Concepts, models and methods**
Publication: Research - peer-review › Journal article – Annual report year: 2010

**LP Duality and KKT Conditions for LP**
Publication: Research - peer-review › Book chapter – Annual report year: 2010

**Optimising the Slab Yard Planning and Crane Scheduling Problem using a two-stage heuristic**
Publication: Research - peer-review › Journal article – Annual report year: 2010

**Scheduling of inspectors for ticket spot checking in urban rail transportation**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

**The fish industry - toward supply chain modelling**
Publication: Research - peer-review › Journal article – Annual report year: 2010

**Decision Support for Planning of Multimodal Transportation with Multiple Objectives**
Publication: Research › Ph.D. thesis – Annual report year: 2009

**The Train Driver Recovery Problem - Solution Method and Decision Support System Framework**
Publication: Research › Ph.D. thesis – Annual report year: 2009

**Agent Based Individual Traffic Guidance**
Publication: Research › Ph.D. thesis – Annual report year: 2009

**Decision Support for the Rolling Stock Dispatcher**
Publication: Research › Ph.D. thesis – Annual report year: 2009
Disruption Management in Passenger Railway Transportation
Publication: Research - peer-review › Book chapter – Annual report year: 2009

Operationsanalyse - the science of the better
Publication: Education - peer-review › Book chapter – Annual report year: 2009

Rolling Stock Recovery Problem
Publication: Research › Report – Annual report year: 2009

Solving the Turbine Positioning Problem for Large Offshore Wind Farms by Simulated Annealing
Publication: Research - peer-review › Journal article – Annual report year: 2009

The Danish fishing industry - towards supply chain modelling
Publication: Research › Conference abstract in proceedings – Annual report year: 2009

The fishing industry - toward supply chain modelling
Publication: Research › Report – Annual report year: 2009

The Manpower Allocation Problem with Time Windows and Job-Teaming Constraints: A Branch-and-Price Approach
Publication: Research - peer-review › Journal article – Annual report year: 2009

Vehicle routing with cross-docking
Publication: Research - peer-review › Journal article – Annual report year: 2009

Optimization of the raw material use at Danish slaughterhouses
Publication: Research › Ph.D. thesis – Annual report year: 2008

Mathematical models and methods for analysis of distributed power generation on market conditions
Publication: Research › Ph.D. thesis – Annual report year: 2008

Mathematical models and heuristic solutions for container positioning problems in port terminals
Publication: Research › Ph.D. thesis – Annual report year: 2008

The mortgage choice problem
Publication: Research › Ph.D. thesis – Annual report year: 2008

Technical Report: Optimizing the Slab Yard Planning and Crane Scheduling Problem using a Two-Stage Approach
Publication: Research - peer-review › Report – Annual report year: 2008

Decision Support System for Fighter Pilots
Publication: Research › Ph.D. thesis – Annual report year: 2007

Applied Railway Optimization in Production Planning at DSB-S-tog - Tasks, Tools and Challenges
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Disruption Management in Passenger Railway Transportation
Publication: Research - peer-review › Report – Annual report year: 2007

Disruption Management in Passenger Transportation - from Air to Tracks
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007
Mortgage Loan Portfolio Optimization Using Multi-Stage Stochastic Programming
Publication: Research - peer-review › Journal article – Annual report year: 2007

Optimization and Simulation in the Danish Fishing Industry
Publication: Research › Report – Annual report year: 2007

Optimizing the Steel Plate Storage Yard Crane Scheduling Problem Using a Two Stage Planning/Scheduling Approach
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2007

The Manpower Allocation Problem with Time Windows and Job-Teaming Constraints
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Publication: Research - peer-review › Report – Annual report year: 2007

A hybrid algorithm for solving the economic lot and delivery scheduling problem in the common cycle case
Publication: Research - peer-review › Journal article – Annual report year: 2006

Risk Assessments of Minefields in Humanitarian Mine Action - a Bayesian Approach
Publication: Research › Ph.D. thesis – Annual report year: 2006

Constructing Periodic Timetables using MIP - a case study from DSB S-train
Publication: Research - peer-review › Journal article – Annual report year: 2006

Finding the best visualization of an ontology
Publication: Research - peer-review › Journal article – Annual report year: 2006

Forretningsviden + it + matematik = effektivitet
Publication: Communication › Journal article – Annual report year: 2006

Optimal Reinsertion of Cancelled Train Lines
Publication: Research - peer-review › Report – Annual report year: 2006

Proceedings of the 1st Nordic Optimization Symposium - 10th Nordic MPS meeting, Copenhagen 2006
Publication: Research - peer-review › Report – Annual report year: 2006

Robustness and Recovery in Train Scheduling - a simulation study from DSB S-tog a/s
Publication: Research - peer-review › Report – Annual report year: 2006

Robustness and Recovery in Train Scheduling - a simulation study from DSB S-tog a/s
Publication: Research - peer-review › Conference article – Annual report year: 2006

Hierarchical Network Design
Publication: Research › Ph.D. thesis – Annual report year: 2005

Risk and Investment management in liberalized electricity markets
Publication: Research › Ph.D. thesis – Annual report year: 2005
An exact algorithm for Aircraft Landing Problem
Publication: Research - peer-review › Report – Annual report year: 2005

Disruption Management in the Airline Industry - Concepts, Models and Methods
Publication: Research - peer-review › Report – Annual report year: 2005

Når uheldet er ude
Publication: Research › Journal article – Annual report year: 2005

Teknikker i IT-støttet beslutningstagning
Publication: Research › Journal article – Annual report year: 2005

Using Heuristics to Solve the Dedicated Aircraft Recovery Problem
Publication: Research - peer-review › Journal article – Annual report year: 2005

A Hybrid Algorithm for Solving the Economic Lot and Delivery Scheduling Problem in the Common Cycle Case
Publication: Research › Report – Annual report year: 2004

Finding the best visualization of an ontology
Publication: Research › Report – Annual report year: 2004

Industrialised application of combinatorial optimization
Publication: Research › Ph.D. thesis – Annual report year: 2003

ISMP 2003
Publication: Research - peer-review › Book – Annual report year: 2003

Optimization and Simulation in Drug Development - Review and Analysis
Publication: Research › Report – Annual report year: 2003

Crane Scheduling for a Plate Storage
Publication: Research - peer-review › Report – Annual report year: 2002

Decentralized Ground Staff Scheduling
Publication: Research - peer-review › Report – Annual report year: 2002

Disruption Management for an Airline - Rescheduling of aircraft
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Hierarchical Network Design Using Simulated Annealing
Publication: Research - peer-review › Report – Annual report year: 2002

Subdivision, Sampling, and Initialization Strategies for Simplical Branch and Bound in Global Optimization
Publication: Research - peer-review › Journal article – Annual report year: 2002

Disruption management
Publication: Research › Journal article – Annual report year: 2001

Disruption management - operations research between planning and execution
Publication: Research › Report – Annual report year: 2001
Parallel Branch and Bound - Principles and Personal experiences
Publication: Research - peer-review › Book chapter – Annual report year: 1997

Solving Large Quadratic Assignment Problems in Parallel
Publication: Research - peer-review › Journal article – Annual report year: 1997

An O(|V|^2|E|) Algorithm for Finding Immediate Multiple-Vertex Dominators
Publication: Research - peer-review › Journal article – Annual report year: 1996

Parallel Search-Based Methods in Optimization, in "Applied Parallel Computing - Industrial Computation and Optimization"
Publication: Research › Article in proceedings – Annual report year: 1996

A Family of Bipartite Cardinality Matching Problems Solvable in O(n^2) Time
Publication: Research - peer-review › Journal article – Annual report year: 1995

Integer Programming and Combinatorial Optimization
Publication: Research - peer-review › Book – Annual report year: 1995

Parallel Algorithms for the Assignment Problem - Experimental Evaluation of Three Distributed Algorithms
Publication: Research - peer-review › Journal article – Annual report year: 1995

EDB-Miniordbog
Publication: Research - peer-review › Book – Annual report year: 1987

Projects:

Beslutningsproblemer for energitransmissionsnetværk i et samfundsøkonomisk perspektiv
Project: PhD

A Framework for Constraint-Programming based Configuration
Project: PhD

Analyse og modellering af distribuerede elsystemer med høj andel vedvarende energi
Project: PhD

Modeller og Metoder for optimeringsproblemer med kombineret resourceplanlægning og skedulering
Project: PhD

Models and Algorithms for the Vehicle Routing Problem with Cross Docking
Project: PhD

Beslutningsstøtte til genopretning ved uregelmæssigheder i togdrift
Project: PhD

Decision Support for Planning of Multi-modal Transportation with Multiple Objectives
Project: PhD

Operationsanalyse i jernbanedrift
Project: PhD
Optimal råvareanvendelse og ordreafvikling på svineslagterier
Project: PhD

Optimering af containeroperationer i hæne
Project: PhD

Stochastic Scheduling in Production Planning
Project: PhD

Beslutningsstøttesystem til jagerpiloter
Project: PhD

Modeller og metoder til analyse af decentral produktion på markedsvilkår
Project: PhD

Disruption Management i transportsektoren
Project: PhD

Design af hierarkiske netværk
Project: PhD

Optimal rydning af landminer og ammunition
Project: PhD

DESCARTES - Decision Support for Integrated Crew and Aircraft Recovery
Project

Håndtering af Risiko borbundet med investeringer i et liberaliseret El-marked
Project: PhD

CIAMM - Center for Industrialised Application of Mathematical Modelling
Project

Industrialiseret anvendelse af matematiske optimeringsmodeler
Project: PhD

Optimerings algoritmer til netværks planlægning
Project: PhD

EXPLAIN - Explorative Net Planning
Project

PARELLELIZATION OF THE VEHICLE ROUTING PROBLEM WITH TIME WINDOWS
Project: PhD

Parallelle Algoritmer til Lineær Programmering
Project: PhD

The dynamic vehicle routing problem
Project: PhD
Vehicle routing with time windows.

EPOS: Efficient Parallel algorithms for Optimization and Simulation

Project