The role of intention as mediator between latent effects and behavior: application of a hybrid choice model to study departure time choices
Research output: Research - peer-review › Journal article – Annual report year: 2019

A disaggregate freight transport chain choice model for Europe
Research output: Research - peer-review › Journal article – Annual report year: 2019

A spline function class suitable for demand models
Research output: Research - peer-review › Journal article – Annual report year: 2019

Research output: Research - peer-review › Journal article – Annual report year: 2019

Den danske landstrafikmodel Version 2.0
Research output: Research - peer-review › Journal article – Annual report year: 2018

Fremskrivningstendenser for persontrafikken til 2030
Research output: Research › Report – Annual report year: 2018

Intelligent truck platooning: how to make it work
Research output: Research › Paper – Annual report year: 2018

Large-scale spatial population synthesis for Denmark
Rich, J. 2018 In : European Transport Research Review. 10, 2, 18 p., 63
Research output: Research - peer-review › Journal article – Annual report year: 2018

Nationale trafikmodeller og deres organisering: En international sammenligning
Research output: Research - peer-review › Journal article – Annual report year: 2018
Population Synthesis Meets Deep Generative Modelling
Research output: Research - peer-review › Paper – Annual report year: 2018

Modelling production-consumption flows of goods in Europe: the trade model within Transtools3
Research output: Research - peer-review › Journal article – Annual report year: 2017

Testing the slope model of scheduling preferences on stated preference data
Research output: Research - peer-review › Journal article – Annual report year: 2017

Cost damping and functional form in transport models
Research output: Research - peer-review › Journal article – Annual report year: 2015

How flexible is flexible? Accounting for the effect of rescheduling possibilities in choice of departure time for work trips
Research output: Research - peer-review › Journal article – Annual report year: 2016

The Danish national passenger model – Model specification and results
Research output: Research - peer-review › Journal article – Annual report year: 2015

Departure time choice: Modelling individual preferences, intention and constraints.
Research output: Research › Ph.D. thesis – Annual report year: 2015

System convergence in transport models: algorithms efficiency and output uncertainty
Research output: Research - peer-review › Journal article – Annual report year: 2015

Danish long distance travel A study of Danish travel behaviour and the role of infrequent travel activities
Research output: Research › Ph.D. thesis – Annual report year: 2015

Preferences for travel time variability – A study of Danish car drivers
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

The effect of perceived mobility necessity in the choice of departure time
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Analyzing the Relationship Between Car Generation and Severity of Motor-Vehicle Crashes in Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2012

Ex post socio-economic assessment of the Oresund Bridge
Knudsen, M. A. & Rich, J. May 2013 In : Transport Policy. 27, p. 53-65
Research output: Research - peer-review › Journal article – Annual report year: 2013
Analyzing the Relationship Between Car Generation and Severity of Motor-Vehicle Crashes in Denmark
Research output: Research › Poster – Annual report year: 2013

Valuation of travel time for international long-distance travel - results from the Fehmarn Belt stated choice experiment
Research output: Research - peer-review › Journal article – Annual report year: 2013

A long-distance travel demand model for Europe
Research output: Research - peer-review › Journal article – Annual report year: 2011

Generating synthetic baseline populations from register data
Research output: Research - peer-review › Journal article – Annual report year: 2012

Udviklingen i bilers passive sikkerhed: skadesgrad for førere af person- og varebiler
Research output: Research › Report – Annual report year: 2012

On structural inelasticity of modal substitution in freight transport
Research output: Research - peer-review › Journal article – Annual report year: 2011

Activity-based demand modelling on a large scale: Experience from the new Danish National Model
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

System Convergence in Transport Modelling
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

A weighted Logit Freight Mode Choice Model
Research output: Research - peer-review › Journal article – Annual report year: 2009

Introduction to Transport Models: Application with SAS Software
Research output: Education › Book – Annual report year: 2009

Report on Scenario, Traffic Forecast and Analysis of Traffic on the TEN-T, taking into Consideration the External Dimension of the Union: trans-Tools Version 2; Model and Data Improvements
Research output: Research › Report – Annual report year: 2009

Report on Scenario, Traffic Forecast and Analysis of Traffic on the TEN-T, taking into Consideration the External Dimension of the Union: assessment of Infrastructure packages
Research output: Research › Report – Annual report year: 2009

A choice model for mode and crossing for freight: Evidence from the Oresund region
External Effects of Road-pricing

Long-Distance passenger demand model

Mode and crossing model – Øresund Freight, The Øresund Gods project

Public-Acceptability Change of Urban Road Pricing

Traffic Models

A socio-economic assessment of proposed road user charging schemes in Copenhagen

Estimation of a route choice model with congestion and congestion charging explicitly described

Greenland air transport model system – A joint transport modelling and optimisation problem

MOTOS Best practice examples

MOTOS State-of-the-art report

Road pricing and its consequences for individual travel patterns

Who are the winners and losers of heavy vehicle fees?: An SCGE analysis of the regional economic impacts of heavy vehicle fees
It is a bad idea to use all the revenue from roadpricing to the public transport
Research output: Research › Journal article – Annual report year: 2006

Road Charging in Copenhagen: Traffic effects
Research output: Research - peer-review › Report – Annual report year: 2006

Roadpricing in Copenhagen
Research output: Research › Article in proceedings – Annual report year: 2006

Socio-economic assessment of road pricing systems – results from two projects in Copenhagen.
Research output: Research - peer-review › Paper – Annual report year: 2006

The Travellers in Copenhagen do know that it is healthy to use bicycles
Research output: Communication › Journal article – Annual report year: 2006

We base the models on the road users' actual behaviour
Research output: Communication › Journal article – Annual report year: 2006

Interurban road pricing for heavy vehicles - what are the impacts for the regional economy?
Research output: Research › Article in proceedings – Annual report year: 2005

Interurban road pricing for heavy vehicles - what are the impacts for the regional economy?
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2005

Road pricing and individuals responses within travel patterns bahavioural change - lessons from the Copenhagen AKTA study
Research output: Research › Conference abstract for conference – Annual report year: 2005

A New Generation of Passenger Transport Models
Research output: Research › Article in proceedings – Annual report year: 2004

A passenger transport SCGE model
Research output: Research - peer-review › Article in proceedings – Annual report year: 2004

Assessment of Traffic Noise Impacts
Research output: Research - peer-review › Journal article – Annual report year: 2004

Traffic Models
Research output: Research - peer-review › Article in proceedings – Annual report year: 2004
Use of GPS- and SP-data to estimate changes of driver behaviour due to road pricing
Research output: Research › peer-review › Article in proceedings – Annual report year: 2004

A national freight transport model - Methodological study
Research output: Research › Report – Annual report year: 2003

A national freight transport model - recommendations
Research output: Research › Report – Annual report year: 2003

Freight Transport in a Spatial Economic Model
Research output: Research › Paper – Annual report year: 2003

Hedonic Evaluation of Traffic Noise - an empirical study
Research output: Research › peer-review › Article in proceedings – Annual report year: 2003

National freight model: pre-study
Research output: Research › peer-review › Report – Annual report year: 2003

National value-of-times study: pre-study
Research output: Research › peer-review › Report – Annual report year: 2003

Prestudy for socio-economic value of times
Research output: Research › peer-review › Report – Annual report year: 2003

The Helsingør-Helsingborg Tunnel Project: Atkins Report
Research output: Research › peer-review › Report – Annual report year: 2003

TRIP and the price of silence
Research output: Research › Book chapter – Annual report year: 2003

Cost-Benefit Evaluation of Infrastructure: Doing it the hedonic way
Research output: Research › peer-review › Article in proceedings – Annual report year: 2002

Cost-Benefit Evaluation of Infrastructure: Doing it the hedonic way
Research output: Research › peer-review › Article in proceedings – Annual report year: 2002
Long-term Travel Demand Modelling
Rich, J. H. 2002
Research output: Research › Ph.D. thesis – Annual report year: 2002

Portzone model for the Øresund Region: forecasting the traffic potential for a new train tunnel between Ellsinore and Helsingborg
Research output: Research - peer-review › Article in proceedings – Annual report year: 2002

ALTRANS - Behavioural models for passenger transport
Research output: Research - peer-review › Report – Annual report year: 2001

A microeconomic model for car ownership, resident and work location
Research output: Research - peer-review › Article in proceedings – Annual report year: 2001

Short-term versus long-term demand and the case of two-worker households
Research output: Research - peer-review › Book chapter – Annual report year: 2001

Two aspects of location modeling: Short-term versus long-term demand and the case of two-worker households
Research output: Research - peer-review › Book chapter – Annual report year: 2001

A micro-based spatial equilibrium framework for households
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Choice of Residential Location and Workplaces for Two-Worker Households
Research output: Research › Article in proceedings – Annual report year: 1999

Integreert Miljøinformationssystem (IMIS) indenfor bymiljø og trafik
Research output: Research › Article in proceedings – Annual report year: 1999

Behavioural Statistical Analysis of Transport Surveys.: Using Marketing Research
Research output: Research › Article in proceedings – Annual report year: 1998

Prototypical Sample Enumeration using Log-Transformed QUAD Optimisation: Simulation Experiments and Evidence from a Danish National Transport Survey
Research output: Research › Article in proceedings – Annual report year: 1998

Projects:

Modelling of shared and autonomous mobility
Samfinansieret - Andet
01/12/2017 → 30/11/2020
Project: PhD
Adfærdsmodeller for passagerers rutevalg
DTU-lønnet stipendie
01/05/2007 → 25/08/2014
Project: PhD

Modeller for trafik- og lokaliseringsadfærd
Forskerakademiets Samfinansier
01/10/1998 → 12/12/2001
Project: PhD

Machine Learning and Mobility
Markou, I., Pereira, F. C., Larsen, A., Rich, J., Jenelius, E. A. & Viti, F.
Technical University of Denmark
15/12/2015 → 14/12/2018
Project: PhD

Attractiveness of Public Transport Systems in a Metropolitan Setting
Samfinansierede - Virksomhed
01/10/2014 → 16/04/2018
Project: PhD

Green corridors in freight logistics
Samfinansieret - Andet
15/08/2014 → 25/11/2016
Project: PhD

Trafikmodellering af lange rejser
DTU-lønnet stipendie
01/02/2007 → 19/12/2014
Project: PhD

Aktivitetsbaseret trafikmodellering af roadpricing
Mabit, S. E., Nielsen, O. A., Fosgerau, M., Rich, J., Bierlaire, M. & Daly, A.
DTU-lønnet stipendie
01/09/2003 → 07/03/2008
Project: PhD

Activity-based modeling of transport demand
Thorhauge, M., Rich, J., Cherchi, E., Møller, M., Börjesson, M. & Ortúzar, J. D. D.
Technical University of Denmark
01/04/2011 → 24/09/2015
Project: PhD

Justering af bilmatrikser til Ørestadens Trafikmodel (OTM)
Sam.arb.aftaler, Private danske - Andre virksomheder
04/11/2005 → 31/03/2006
Project: Research

TGB: Traffic Plan for Greenland: Decision Support Tool TGB
Indtægtsdækket virksomhed UK 90
06/06/2005 → 31/12/2005
Project: Research

SCGE for freight
Rich, J.
Sam.arb.aftaler - Statslige danske
18/10/2006 → 01/12/2007
Project: Research

Opdatering af turmatricer og Ørestadens Trafik Model (OTM)
Sam.arb.aftaler, Private danske - Andre virksomheder
16/03/2005 → 31/10/2005
Project: Research

IMPROSA: Improving Road Safety : Developing a Basis for Socio-economic Prioritising of Road Safety Measures
Forskningsprojekter - Andre ministerier og styrelser
01/03/2010 → 28/02/2014
Project: Research

A microeconomic model for car ownership, resident and work location
Rich, J. & Nielsen, O. A.
01/01/2000 → …
Project: Research

Marie Currie Joint European transport Research network (JET)
Rich, J., Nielsen, O. A. & Madsen, O. B.
Sam.arb.aftaler - Statslige danske
22/09/2004 → 30/04/2006
Project: Research

Vurdering af kørselsafgifter i København
Sam.arb.aftaler - Statslige danske
26/11/2004 → 31/07/2005
Project: Research

CLG: Centre for Logistics and Freight Transport
Forskningsrådene - STVF
25/06/2001 → 31/12/2006
Project: Research

Activities:

Intelligent truck platooning: how to make it work
Rich, J. (Speaker), Larsen, R. (Other), Rasmussen, T. K. (Other)
17 Sep 2018 → 21 Sep 2018
Activity: Talks and presentations › Conference presentations

Value-of-time through a financial crisis: temporal and inter-temporal variation
Rich, J. (Speaker), Vandet, C. A. (Other)
5 Sep 2018
Landstrafikmodellen version 2.0
Rich, J. (Speaker)
26 Aug 2018

Dansk Industri - Transportudvalget
Rich, J. (Participant)
6 Jun 2018

Is the Value-of-time increasing
Rich, J. (Invited speaker)
31 May 2018

LTM 2.0 project overview
Rich, J. (Invited speaker)
31 May 2018

The transport future - Possible Impacts of autonomous and shared vehicles UNF
Rich, J. (Invited speaker)
15 Mar 2018

Folketingets transportudvalg (netværksmøde): Præsentation af Landstrafikmodellen
Rich, J. (Participant), Nielsen, O. A. (Participant)
19 Feb 2018

Network performance of autonomous cars at low market shares
Papu Carrone, A. V. (Speaker), Rich, J. (Other)
14 Sep 2017

Modelling production-consumption flows of goods in Europe: the trade model within Transtools 3
Gerard de Jong (Speaker), Reto Tanner (Other), Rich, J. (Other), Thorhauge, M. (Other), Nielsen, O. A. (Other), John Bates (Other)
5 Oct 2016

A model for freight transport chain choice in Europe
Jensen, A. F. (Speaker), Thorhauge, M. (Other), Gerard de Jong (Speaker), Rich, J. (Other), Thijs Dekker (Other), Daniel Johnson (Other), Manuel Ojeda Cabral (Other), John Bates (Other), Nielsen, O. A. (Other)
14 Sep 2016 → 16 Sep 2016

Synthesis of household based trip diaries
Thorhauge, M. (Speaker), Rich, J. (Other)
14 Sep 2016

Udvikling af transportvanedata for husholdninger
Thorhauge, M. (Speaker), Rich, J. (Other)
The Role of Intention as Mediator Between Latent Effects and current Behaviour: Application of a Hybrid Choice Model to Study Departure Time Choices
Thorhauge, M. (Speaker), Cherchi, E. (Other), Joan Walker (Other), Rich, J. (Other)
2016
Activity: Talks and presentations › Conference presentations

Building Efficient Stated Choice Design for Departure Time Choices using the Scheduling Model: Theoretical Considerations and Practical Implementations
Thorhauge, M. (Speaker), Cherchi, E. (Other), Rich, J. (Other)
2014
Activity: Talks and presentations › Conference presentations

The Effect Of Perceived Mobility Necessity in the Choice of Departure Time
Thorhauge, M. (Speaker), Cherchi, E. (Other), Rich, J. (Other)
2014
Activity: Talks and presentations › Conference presentations

Accounting for the Effect of Rescheduling Possibilities in the Departure Time Choice using an Efficient Stated Preference Design
Thorhauge, M. (Speaker), Cherchi, E. (Other), Rich, J. (Other)
2013
Activity: Talks and presentations › Conference presentations