

Jens Lysgaard
Professor
Department of Economics and Business Economics
Type of address: Postal address.
Fuglesangs Allé 4
2621, 116
8210
Aarhus V
Denmark
Email: lys@econ.au.dk
Phone: +4587164898



Employment

Professor, 2011-
Aarhus University
Professor, 2006-2011
Aarhus School of Business, Denmark
Associate Professor, 1997-2006
Aarhus School of Business, Denmark
Assistant Professor, 1993-1996
Aarhus School of Business, Denmark

Education

PhD, 1993
Aarhus School of Business, Denmark
MSc, 1990
Aarhus School of Business, Denmark

Research areas

Vehicle routing
Transportation
Distribution
Combinatorial optimisation

Teaching areas

Mathematical modelling
Linear programming
Combinatorial optimisation
Transportation
Distribution

Selected publications

J. Lysgaard, A.D. López-Sánchez & A.G. Hernández-Díaz: "A matheuristic for the MinMax capacitated open vehicle routing problem", *International Transactions in Operational Research*, 2020, 27(1), 394-417
L. Bach, J. Lysgaard and S. Wøhlk: A Branch-and-Cut-and-Price Algorithm for the Mixed Capacitated General Routing Problem, *Networks*, 2016, 68(3), 161-184
T. Bektaş and J. Lysgaard: Optimal Vehicle Routing with Lower and Upper Bounds on Route Durations, *Networks*, 2015, 65(2), 166-179
J. Lysgaard and S. Wøhlk: A branch-and-cut-and-price algorithm for the cumulative capacitated vehicle routing problem, *European Journal of Operational Research*, 2014, 236(3), 800-810
R. Fukasawa, H. Longo, J. Lysgaard, M.P. de Aragão, M. Reis, E. Uchoa and R.F. Werneck: Robust Branch-and-Cut-and-Price for the Capacitated Vehicle Routing Problem, *Mathematical Programming*, 2006, 106(3), 491-511
J. Lysgaard, A.N. Letchford and R.W. Eglese: A new branch-and-cut algorithm for the capacitated vehicle routing problem, *Mathematical Programming*, 2004, 100(2), 423-445