

# Curriculum Vitae

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## Education and academic positions

- Jun 2017 – Present: **Assistant Professor**, Department of Economics, Copenhagen Business School.
- Feb 2016 – May 2017: **Research Assistant**, Department of Economics and Department of Operations Management, Copenhagen Business School.
- Aug 2014 – Jan 2015: **Visiting Research Scholar**, Industrial Engineering and Operations Research (IEOR), Columbia University, New York (work with prof. Jay Sethuraman).
- Feb 2013 – Jan 2016: **Teaching assistant** and later **External Lecturer**, Copenhagen Business School.
- Oct 2012 – Apr 2016: **PhD fellow**, project “Center for Research in the Foundations of Electronic Markets” ([www.cfem.dk](http://www.cfem.dk)), Faculty of Science, University of Copenhagen. Thesis title: “Topics in Allocation Problems and Market Design”.
- Aug 2009 – Oct 2012: **Cand. Merc. Mat (MSc in Economics and Mathematics)**, Copenhagen Business School. Master thesis: “Allocation of Risk Capital”.
- Aug 2011 – Dec 2011: **Exchange student**, Brandeis University, USA.
- Aug 2006 - Jun 2009: **HA. Mat (BSc in Economics and Mathematics)**, Copenhagen Business School, Bachelor thesis: “Matching medical students with hospitals”.

## Research fields

Game theory, allocation problems, auctions, market design, performance evaluation and benchmarking.

## List of publications

- J. L. Hougaard, F. Jensen, A. Smilgins, "The Northeast Atlantic Mackerel Crisis", : Strategic Behavior and the Environment, Vol. 8, No. 2, 3.2020, p. 169-218
- J. L. Hougaard, A. Smilgins (2016), "Risk Capital Allocation with Autonomous Subunits: The Lorenz Set.", Insurance: Mathematics and Economics, Vol. 67, Pages 151-157.
- P. Bogetoft, J. L. Hougaard, A. Smilgins (2016), "Applied Cost Allocation: The DEA-Aumann-Shapley Approach.", European Journal of Operational Research, Vol. 254-2, Pages 667–678.
- J. L. Hougaard, D. Kronborg, A. Smilgins (2017), "Fair Division of Costs in Green Energy Markets.", Energy: An International Journal, Vol. 139, p. 220-230

## Work in progress

- "The impacts of different innovation strategies on best and mean practices in manufacturing firms: A nonparametric approach using DEA.". With P. Bogetoft, L. Kromann, A. Sørensen.
- "Treasury Auction Format". With S. Pékec, Duke University.
- "Finding optimal merger possibilities". With. P. Bogetoft.
- "Two-sided matching with objects". With J. Sethuraman.

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## Current teaching

- Game Theory (in Danish), Ha(Mat.), Copenhagen Business School.
- Decision theory - models and methods (in Danish), Ha(Mat.) elective, Copenhagen Business School.

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## Previous teaching

- Contract, Agency and Game Theory (in English), MSc in Advanced Economics and Finance (Cand.Oecon), Copenhagen Business School.
- Microeconomics (in Danish), University of Copenhagen

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## Additional information

Language skills: English, Danish, Russian, Latvian.

IT: R, Matlab, VBA, Stata, SAS, SQL, Mathematica.