

## CV GIJSBERT T.J. ZWART

February 2020

### General

#### Employment

- 2019- : University of Groningen, Economics, Econometrics and Finance, Associate Professor
- 2014-2019: University of Groningen, Economics, Econometrics and Finance, Assistant Professor
- 2005-2014: Tilburg University, Tilburg Law and Economics Center, senior member
- 2004-2014: CPB Netherlands Bureau for Economic Policy Analysis (sector Competition and Regulation), senior economist / economist
- 2001-2004: Nederlandse Mededingingsautoriteit (NMa) / Dienst Toezicht Energie (DTe)
- 1999-2001: Ernst & Young Corporate Finance, Treasury and Financial Risk Management, consultant

#### Education

- 1999: Ph. D. in Theoretical Physics, Utrecht University  
Thesis: Stringy Perspectives on Gauge Theories  
(advisor: Erik Verlinde)
- 1995: Doctoraal (cum laude) in Theoretical Physics, Utrecht

### Research

#### Publications in refereed journals (economics)

- Competition for traders and risk, *RAND Journal of Economics*, 49, 4 (with Michiel Bijlsma, CPB, and Jan Boone, Tilburg)
- Optimal regulation of network expansion, *RAND Journal of Economics*, Volume 49, Issue 1 (with Bert Willems, Tilburg)
- The complementarity between risk adjustment and community rating: distorting market outcomes to facilitate redistribution, *Journal of Public Economics*, Volume 155 (with Michiel Bijlsma, CPB, and Jan Boone, Tilburg)
- Targeted advertising, privacy protection and platform competition, *Journal of Economics and Management Strategy*, Volume 26, Issue 3 (with Henk Kox and Bas Straathof, CPB)
- Competition Leverage: How the Demand Side Affects Optimal Risk Adjustment, *RAND Journal of Economics*, Volume 45, Issue 4 (with Michiel Bijlsma, CPB, and Jan Boone, Tilburg)

- Trade quotas and buyer power, with an application to the EU natural gas market, *Journal of the European Economic Association*, Volume 12, Issue 1 (with Svetlana Ikonnikova, University of Texas)
- Optimal regulation of lumpy investments, *Journal of Regulatory Economics*, Volume 44, Issue 2 (with Peter Broer, CPB)
- European natural gas markets: resource constraints and market power, *The Energy Journal*, Volume 30, Special Issue
- The liberalized Dutch green electricity market: lessons from a policy experiment, *De Economist*, 151 (with Eric van Damme, Tilburg University)

#### **Conditionally Accepted:**

- Funding innovation under adverse selection and moral hazard, invited book chapter in: *Innovation: Flexibility, Organization and Strategy*, ed. Lenos Trigeorgis, MIT Press.

#### **Active working papers**

- Search and market structure with heterogeneous consumers (with Pim Heijnen, Groningen)
- Optimal regulation of continuous energy network expansion when costs are stochastic
- Optimal procurement and investment in new technologies under uncertainty (with Malin Arve, NHH Bergen).

#### **Contributed book chapters**

- Modelling in the Dutch electricity market, in: *Simulation models for merger cases*, ed. P. van Bergeijk et al., Edward Elgar, 2005 (with J. de Maa).

**Publications in professional journals, CPB publications, refereed journal publications in physics: see website for links**

## Teaching

### **University of Groningen**

- 2014- : Corporate Finance for MSc Finance, Asset Pricing and Capital Budgeting, Mathematics for Minor Finance
- 2016- : Energy and Finance (MSc Finance, Energy Focus Area)
- 2018- : Competition Policy – Theory and Practice (MSc Economics)

### **Previous teaching at University of Tilburg**

2006-2009: MSc Seminar Liberalization and Regulation: Advanced Theory and Cases

2010-2014: MSc Seminar Competition and Regulation in Network Industries

## Other

### Invited Talks

2020 TILEC seminar, Tilburg University, upcoming.

2018 HCHE, Hamburg University, “The complementarity between risk adjustment and community rating”.

2016 CPB, “Regulatory Holidays and Optimal Network Expansion”.

2014 Groningen, “Optimal procurement of new technologies under uncertainty”.

Rotterdam HE seminar, “Community rating in health insurance: can it be optimal”.

2012 Keynote lecture at the BAEE Research workshop, Utrecht, “Optimal regulation of lumpy investments”.

2011 NZa Health Economics Workshop (Utrecht), “Competition leverage: How the demand side affects optimal risk adjustment”.

Groningen, “Competition leverage: How the demand side affects optimal risk adjustment”.

### Recent Conferences

2019 Workshop on “Investments, Energy, and Green Economy”, Brescia, Italy; EARIE 2019, Barcelona; Corporate Finance Day, Groningen.

2018 Viennese workshop on optimal control and dynamic games, Vienna.

2017 EARIE 2017, Maastricht.

2016 EHEW 2016, Hamburg; Real Options Conference 2016, Oslo/Trondheim.

2015 EHEW 2015, Toulouse; Econometric Society Global Meeting 2015, Montreal; EARIE 2015, Munchen.

2014 ZEW/Macci Energy Workshop, Mannheim; EEA-ESEM 2014, Toulouse

2013 CLEEN 2013, Bergen, Norway

2012 CLEEN 2012, Mannheim; EARIE 2012, Rome; Real Options Workshop, Brescia, Italy

2011 Infiniti Conference on International Finance, Dublin

2010 EARIE 2010, Istanbul

2009 EARIE 2009, Ljubljana

2008 EARIE 2008, Toulouse

### **Service to the profession**

Refereeing: BE Journal of Theor Econ, Energy Economics, Energy Journal, Energy Policy, European Journal of Operational Research, Journal of Economics, Journal of Health Economics, Journal of Public Economics, Resource and Energy Economics, TPEdigitaal.

Workshop organization: Energy Economics Policy Seminars (a series of nine workshops during 2008-2012), co-organized with Machiel Mulder (RUG) and Bert Willems (Tilburg University).