

# CURRICULUM VITAE BART NOOTEBOOM{PRIVATE }

updated April 2015

## Personal data

Born 20-4-'42 Djakarta  
widower, two children, four grandchildren

## Address

Home:

Geschutswerf 89, 1018 AW Amsterdam

tel. +31(0)642130130, e-mail: [bart.nooteboom@gmail.com](mailto:bart.nooteboom@gmail.com), website: [www.bartnooteboom.nl](http://www.bartnooteboom.nl),

blog <http://philosophyonthemove.blogspot.nl>

## Current affiliation

Emeritus professor

## University Education

1960-1967 Leyden university, mathematics. Bachelors degree ('kandidaats examen') in mathematics and physics. Master's degree ('doctorandus') in mathematics, econometrics and operations research.

1974-1980 PhD in *econometrics*, at Erasmus University Rotterdam. Title thesis: Retailing: Applied analysis in the theory of the firm

## Career

1968-70 *Military service*: development of an automated "war game", *army Staff College*, The Hague; rank upon leave: second lieutenant

1969-73 *Shell International*:

1970-71: *the Hague*: study of system for worldwide transfer pricing; liaison between mathematical economic research in Amsterdam and marketing dept. London (task was to improve the fit between research and practice). 1971-73: *London*: project leader, and subsequently section head in the operational research dept. at the central computing centre, for development of OR models, a.o. for scheduling, personnel planning, design of loading facilities. The main project was an interactive simulation model for Shell group strategic planning for the board of directors (in 1972-73 contingency plans were made in anticipation of the oil crisis). Participated in the development of the Shell approach of *scenario planning*.

1973-87 *Research Institute for Small Business* (EIM), the Netherlands. 1973-79: *initiator* and subsequently project leader of less descriptive, more scientifically grounded research of small business, in the 'project model building': development of econometric meso-level models (industries) that systematically include firm size effects, starting with the retail sector. 1979-82: *Head of the new dept. of 'basic research'*; further econometric

- research, resulting in PhD thesis Erasmus University Rotterdam in 1980. 1982-87: *scientific director* of the institute.
- 1987-99 *University of Groningen*: chaired professor at the faculty of Management & Organization. 1987-90: *professor of marketing*; 1990-1999: *professor of industrial organization*. 1995-99 *scientific director*, PhD school SOM (Systems, Organization and Management) of the faculties of Management and Organization, Economics and Spatial Sciences.
- 1999-2004 *Erasmus University Rotterdam*: professor of organizational dynamics at the Rotterdam School of Management. 2002-2004 *head of dept. Organization and Personnel Sciences*.
- 2004-2012 *Tilburg University*: part-time professor of innovation policy at the Faculty of Economics and Business Administration.

### **Prizes/Honours**

- For the PhD dissertation a prize was awarded in 1981 by the association of grocers VIVO Nederland.
- Kapp prize for paper 'Towards a cognitive theory of the firm', 1996, awarded by the European Association for Evolutionary Political Economy.
- Fellow at the Netherlands Institute for Advanced Studies (NIAS), 1998/99
- According to Scholar Google: 11500 citations, Hirsh index 43, 101 publications with more than 10 citations.
- Listed in Who's Who in economics (since 1999) and Who's Who in Management Science (since 2000), published by Edward Elgar.
- Appointment member of the Royal Netherlands Academy of Arts and Sciences (KNAW) in 2000.
- Gunnar Myrdal prize for book 'Trust: forms, foundations, functions, failures and figures', in 2004, awarded by the European Association for Evolutionary Political Economy.
- Schumpeter prize for the book 'A cognitive theory of the firm', in 2010, awarded by the International Schumpeter Society.

### **Research experience**

*In the past* my research interests lay in the following areas:

- retailing
- small business and entrepreneurship
- price determination
- philosophy of science
- theoretical and empirical research in mathematical/econometric models of innovation & diffusion

*Recent* interests:

- Schumpeterian and evolutionary economics
- Institutional economics (old and new)
- theoretical and empirical research of transaction cost theory and extensions, with applications to subcontracting and alliances
- industrial/innovation/technology policy, innovation systems

- philosophy of economics and management, with emphasis on theory of knowledge, learning, and language
- trust within and between organizations
- learning within and between organizations
- foundations of trust

*Present interests:*

Philosophy of religion, knowledge, language and ethics.

## **Publications**

Total about 350: 12 books, 4 edited books, 69 papers in intern. scientific journals, 67 chapters in intern. scientific books, 69 scientific papers in Dutch, 120 applied articles in professional journals and newspapers.

*Journal articles* appeared in, among others, the European Economic Review, Applied Economics, International Journal of Research in Marketing, International Small Business Journal, Small Business Economics, Service Industries Journal, Economics letters, Economics and Philosophy, Human Systems Management, International Studies of Management and Organization, Technology Analysis and Strategic Management, Economics of Innovation and New Technology, Journal of Evolutionary Economics, Organization Studies, Journal of Computational and Mathematical Organization Theory, Academy of Management Journal, American Journal of Sociology, Journal of Economic Issues, Research Policy, Innovation and Industry, Cambridge Journal of Economics, Journal of Economic Dynamics and Control, Research in the Sociology of Organizations, Journal of Economic Behaviour and Organization, European Management Review..

Results were brought together in a book 'Inter-firm alliances; Analysis and design', published by Routledge in 1999 (hardcover and paperback), 'Learning and innovation in organizations and economies', published in 2000 (paperback 2001) by Oxford University Press, 'Trust: forms, foundations, functions, failures and figures', published by Edward Elgar in 2002 (paperback 2003), and 'Inter-firm collaboration, learning and networks; An integrated approach', published by Routledge in 2004 (paperback), 'A cognitive theory of the firm', Edward Elgar 2009, paperback in 2010, 'How markets work and fail, and what to make of them', Edward Elgar 2014.

In 2012 I published a philosophy book 'Beyond humanism: The flourishing of life, self and other', London: Palgrave-MacMillan. In July 2012 I started a philosophy blog with the title 'Philosophy on the move'. In February 2015 it had been viewed 20.000 times in 77 countries. In April 2015 I published a second philosophy book 'Beyond nihilism: Imperfection on the move', Createspace/Amazon.

## **Contributions to science**

1982-87: theory of effects of scale and threshold costs in retailing and other service business, based on queuing theory

1984: life cycles in innovation and the role of independent entrepreneurs

1986-1990: plausibility in economics  
1989- 1994: firm size effects in innovation and diffusion  
1992: a dynamic perspective on transaction costs  
1992-1993: effects of scale in dynamic transaction costs  
1996- ....: trust and governance  
1997- ....: learning, innovation and governance, exploration and exploitation, cycle of discovery, innovation policy  
1999: exit and voice in corporate control  
1999- ....: alliances and collaboration  
1999- ....: optimal cognitive distance  
2000- ....: networks and innovation  
2001- ....: agent based simulation of collaboration and trust building  
2003-....: trust building processes  
2004-....: communities of practice, communities of learning  
2005: cluster dynamics  
2006-....: cognitive theory of the firm  
2007: service value chains

#### **PhD students** (finished projects)

Ruud Frambach (econometric study of new product diffusion, thesis defense in 1993), Aard Groen (innovation and collaboration in printing industry, 1994), Carine Coehoorn (evaluation of institutes for knowledge transfer to small business, 1995), Rob Vossen (econometric study of firm size effects in R&D, 1996), Miranda Boorsma (marketing of art, 1998), Evert-Jan Visser (industrial districts in Peru, 1999), Gert-Jan van der Linden (postmodern views of work, 1999), Gjalte de Jong (LISREL models of long term supply relationships, 1999), Rosalinde Klein Woolthuis (Trust and contracts in innovation projects, 2000), Tomas Klos (Agent-based simulation of build-up and break-down of trust, 2000), Victor Gilsing (exploitation and exploration in sectoral innovation systems, 2003), Peter de Langen (comparative analysis of port clusters, 2004), Jaco Appelman (conflict between airlines and travel agents, 2004), Frederique Six (trust and trouble in organizations, 2004), Juup Essers (Incommensurability in organization, 2007), Bob Kijkuit (internal networks in new product development, 2007), Jan Lapoutre (Proactive environmental strategies in small businesses: resources, institutions and dynamic capabilities, 2008), Ying Li (Exploration in technological innovations with external partners, 2009).

#### **Invited academic visits** (visiting professor, seminars, workshops, lectures)

EU programme 'Human Capital and Mobility' programme, Thessaloniki (1993), EU programme 'European Management and Organization in Transition (EMOT)', in 1994-97, in Como, Geneva and Durham, Marienrode (1998), Bornholm (1998), Bologna (1998, 2006), Modena (1998), Max Planck Institute Jena (1998, 2000, 2006, 2008, 2009), Ancona (1999), Brisbane (1999), Paris (2000, 2001, 2002), Roskilde (2000), Stockholm (2000), Aalborg (2000), Hertford (2000, 2003), Padova (2001), Cambridge (2002, 2010), Milano (2003), Pavia (2002, 2001, 2004, 2005, 2012), Oslo (2002, 2003), Great Barrington US (2003), Odense (2003), Strasbourg (2003, 2004), Alicante (2004, 2005), Marseille (2004), Sheffield (2004), Reading

(2004), Bristol (2004), Beijing (2004), Venice (2004, 2009), Debrecen (2004), Zurich (2005), Toronto (2005), Lund (2005), Valencia (2006), Uppsala (2006), Copenhagen (2006), Hangzhou (2006), London (2006), Durham (2006), Madrid (2006), Mexico City (2010), Teheran (2014).

### **Review activities**

until 1994 member advisory board, *International Small Business Journal*.

1998-2000 member editorial board, *Academy of Management Journal*

2000-2012 member editorial board, *Journal of Management and Governance*

2004-2006 member editorial team, *Journal of Institutional Economics*.

2006-2011 member editorial board, *Service Business*

2007-2011 member editorial board, *Journal of Management Studies*

Occasional reviewer for: *European Economic Review*, *International Journal of Research in Marketing*, *Small Business Economics*, *Economics and Philosophy*, *Journal of Retailing*, *Administrative Science Quarterly*, *Academy of Management Journal*, *Academy of Management Review*, *Organization Studies*, *Organisation Science*, *Journal of Computational and Mathematical Organization Theory*, *Technology Analysis and Strategic Management*, *Journal of Economic Behaviour and Organization*, *Journal of Evolutionary Economics*, *Research Policy*, *Cambridge Journal of Economics*, *Journal of Law Economics and Organization*, *Journal of Economic Dynamics and Control*, *Journal of Management Studies*, *Regional Studies*, *Industrial and Corporate Change*, *European Management Review*.

### **Scientific advisory functions (selection)**

1997 Member committee for the external evaluation of research of the department of Industrial Dynamics at *Copenhagen Business School*.

1998-2000 Member of a committee for the Dutch Social Science Foundation (NWO) for advice in the area of economics, social and spatial sciences (*ESR*).

1998-2000 Member of a committee for the Dutch Social Science Foundation (NWO) for the design and co-ordination of a research programme 'Society and electronic highway' (*MES*).

1998-2000 Member of the Board of Management of the International Joseph A. Schumpeter Society

1999-2011 Member appointment committees for chairs in Rotterdam, Groningen, Delft, Amsterdam (Free University)

2002 External examiner PhD University of Cambridge

2003 External examiner Habilitation, Strasbourg

2003-2011 Member advisory board educational programme 'master in complexity', University of Pavia.

2004 External examiner PhD Compiègne

2005 Chairman peer review committee for evaluation of teaching and research in innovation at the universities of Utrecht and Eindhoven.

2005-2010 Member advisory board Max Planck Institute for Economics, Jena

2006 External examiner PhD South Africa (U. of Western Cape)

2008-2012 Member think tank for the Netherlands Center for Social Innovation (NCSI)

2009-2013 Member advisory board, CIRCLE, center for innovation studies, Lund.

## Contributions to society

Some 120 articles in newspapers, and 50 articles in professional journals, on a variety of subjects

Participation in public debates:

- 1977-...: policies for small business
- 1981-1987 basic income, from the perspective of self-employment
- 1983-1990 liberalization of shopping hours
- 1993 liberalization of railway transport
- 2005-2008 innovation policy
- 2008-...: liberalization, markets, e.g. in health sectors

Advisory functions:

Government:

- 1988-89.1 member of a sub-committee of the committee for 'testing of legislation projects' at the Ministry of Justice, concerning revision of the law on business establishments (cie *'Vestigingsbeleid'*)
- 1988-89 member of a government committee on innovation policy (*'Voortgangscommissie technologiebeleid'*)
- 2006-2007 member Scientific Council for Government Policy (*'Wetenschappelijke Raad voor het Regeringsbeleid'*)

Ministry of Economic Affairs:

- 1990-92 member of an advisory committee for the project 'Knowledge bearers in small and medium sized business'
- 1997-2002 member of a supervisory committee for a research project on 'Innovation in and through services'
- 1998 advisor of a 'cluster monitor' project
- 1999 leader of expert meeting on cluster policy
- 2002 paper on innovation policy
- 2003 expert meeting on knowledge diffusion
- 2006 essay on trust in innovation
- 2007 essay on 'dream for the Netherlands'

European Union:

- 2006-2007 Member 'High level advisory group' for EU study of the impact on innovation of publicly funded research, such as the EU framework programmes.
- 2008 Member 'High level advisory group' for EU study of scale effects in R&D

Business:

- 2009-2012 chairman of the supervisory board, forum for entrepreneurs in durable innovation
- 2010-2012 member of a jury for allocation of funds for innovation in the media

## **Undergraduate teaching experience**

Groningen: industrial marketing, industrial organization, management of information technology, entrepreneurship, purchasing management, management & philosophy

Rotterdam: international alliances, economic foundations, environmental analysis, small business and entrepreneurship, innovation management, management of change, organization theory and organization behaviour, organizational learning

## **Extra-academic courses/lectures**

For gvt. and related organizations:

Course on inter-firm collaboration and innovation for consultants of the 'Syntens' organization for knowledge transfer to small business.

Lectures on innovation for the Social Economic Council (SER), on entrepreneurship for the Ministry of Economic Affairs, on innovation policy for the Innovation Council of the province of Brabant, on innovation and entrepreneurship for 'Provinciale staten' of Brabant, on innovation in government services for the British National Audit Office, on transaction costs for the Netherlands Court of Audit (Algemene Rekenkamer), on trust for the Police, on collaboration for secondary professional education (MBO), on trust for the Ministry of Finance, on trust for RIVM (institute for health and environment), .....

For business:

Contributions, over a range of years, on inter-firm collaboration & networks, innovation management, and organizational learning, to courses on business strategy, knowledge management, and innovation management, operated by the Academy of Management in Groningen, Rotterdam School of Management, Erasmus Academy master class entrepreneurship, Focus conferences, Tilburg Institute for Advanced Studies.

Lectures/seminars for e.g. RABO bank, Nuon, Essent, Cap Gemini, Heijmans, BMW, Order of Tax Consultants, nurses in hospitals, managers in health care, corporate communication experts, media firms, hospital staff, SNS bank.

## **Administrative functions at universities**

University of Groningen:

1987-91 chairman of the faculty research committee

1989-91 head of a research programme 'Enterprise and Environment'

1989 head of the project group 'International Management'

1991-98 head, together with sociologist W. van Rossum, of an interdisciplinary (economics & sociology) research programme 'Innovation and Networks'

1989-91 head of the department (vakgroep) 'Market and Enterprise'

1997-1999 director of the research institute and PhD school SOM of the faculties of economics, Business and Spatial Sciences

Erasmus University:

1999-2004 head of a research programme on organization

2003 head of the dept. Personnel and Organization Sciences

### **Memberships**

Membership of associations and attendance of corresponding conferences:  
until 1995 European Association for Research in Industrial Economics (EARIE)  
until 2003 International Joseph A. Schumpeter Society (ISS)  
until 2006 Academy of Management  
until 2009 European Group for Organization Studies (EGOS)  
until 2007 European Academy of Management (EURAM)  
until 2009 European Association for Evolutionary Political Economy (EAEPE)