

FLOORTJE ALKEMADE

Curriculum Vitae

PERSONAL INFORMATION

Family name, First name: Alkemade, Floortje
Date of birth: 10/11/1975
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EDUCATION

2004 Ph.D. Agent Based Evolutionary Economics
National Centre for Mathematics and Computer Science (CWI) and
Eindhoven University of Technology
Supervisors: Hans Amman and Han La Poutré
1999 Master Artificial Intelligence,
VU University Amsterdam

POSITIONS

2015 – now Full professor Economics and Governance of Technological Innovation
Eindhoven School of Innovation Sciences
Eindhoven University of Technology
2014 – 2015 Associate Professor Innovation Studies
Faculty of Geosciences, Copernicus Institute of Sustainable Development
Utrecht University
2006 – 2014 Assistant Professor Innovation Studies (0.8 fte, since 2013 0.9 fte)
Faculty of Geosciences, Copernicus Institute of Sustainable Development
Utrecht University
2005 – 2006 Postdoc Clusters for Innovation and Sustainability (0.8 fte)
Faculty of Geosciences, Copernicus Institute of Sustainable Development
Utrecht University

CAREER BREAKS

2004 – 2005 Maternity leave 6 months
2007 – 2008 Maternity leave 6 months and Parental leave

PERSONAL GRANTS

2015 Aspasia personal grant (Euro 100.000)
2014 – 2019 VIDI personal grant for project “The Cleantech Innovation Capacity of
Countries: connecting the local and the global scale” (Euro 800.000)
2008 – 2012 VENI personal grant for project “Stimulating Sustainable Technology: The

trade-off between exploration and exploitation”. (Euro 204.000)

OTHER GRANTS

2015	Grant from Utrecht University, Faculty of GeoSciences, Euro 25.000 for VIDI
2013	Grant from Utrecht University, Faculty of GeoSciences, Euro 23.000 for the Development of grant proposals.
2014	PhD grant from NWO, Euro 233.000: <i>Realizing the smart grid: aligning consumer behavior with technological opportunities</i> . Co-applicant, I wrote part of the proposal and supervise the PhD student who works on this part of the project.
2012	Grant from Utrecht University, Faculty of GeoSciences, Euro 52.000 for the Development of a serious game Solar Tycoon
2011	NWO Open access grant Euro 2100
2010	Van Gogh fellowship granted by the Réseau Franco-Néerlandais 4500 Euro for cooperation with the University of Bordeaux IV, Gretha and IFRIS
2009	PhD grant from NWO, Euro 260.000: Socio-economic modelling and simulation of hydrogen infrastructures. Co-applicant, I wrote part of the proposal and supervise the PhD student who works on this part of the project.
2002	Grant to attend the Santa Fe Complex Systems Summer School (Euro 1500)

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCS

2015 – now	PhD student Deyu Li The Cleantech Innovation Capacity of Countries (NWO), promotor
2015 – now	PhD student Stefano Pedrocchi The Cleantech Innovation Capacity of Countries (NWO), promotor
2014 – now	PhD student Mart van der Kam: The role of users in smart grids. NWO URSES promotor, daily supervisor.
2014 – now	PhD student Toon Meelen, NWO Onderzoekstalent, co-promotor, daily supervisor
2014 – now	PhD student Pieter den Hamer. UU/Alliander, co-promotor
2014 – now	PhD student Martijn van den Berge. UU/PBL. Eco-innovation. co-promotor
2013	Postdoc Simone Francescini (visiting from DTU, Denmark). Technological trajectories in energy efficient lighting technologies.
2010 – 2015	PhD student Björn Budde (2010-2015): Hypes, hopes and disappointments: On the role of expectations for sustainability transitions (4 journal publications) based at the Austrian Institute of Technology (AIT). Promotor
2009 – 2013	PhD student: Alexander van der Vooren (2008-2013, 0.8 fte): Socio-economic modelling and simulation of hydrogen infrastructures. (5 journal publications), Utrecht University. Co-promotor, daily supervisor.
2007 – 2008	Postdoc Simona Negro. NWO project Clusters for Innovation and Sustainability
2006 – now	Master thesis supervision: 19 resulting in 4 journal publications and 1 thesis award.

QUALIFICATIONS

2013	Advanced research qualification awarded (Utrecht University)
2011	Advanced university teaching qualification awarded. (Utrecht University)
2008	Basic university teaching qualification awarded (BKO)

TEACHING ACTIVITIES (BSC, MSC)

Course	Year	Task	Evaluation
Innovation Systems	2013-2014	Course design, lecturer 7.5 EC Bachelor 2	7.0
Innovation Systems	2012-2013	Course design, lecturer 7.5 EC Bachelor 2	7.2
Models of Technological Change	2010-2011	Course design, lecturer	7.6
	2011-2012	7.5 EC Bachelor 3	8.1
	2012-2013	30-60 students	8.2
Seminar Innovation Studies	2009-2010	Course design, lecturer 7.5 EC Master 4 students	8.3
Micro-economics of Innovation	2009-2010	Course design, lecturer 7.5 EC Bachelor 1 120 students	6.7
Modeling and measuring innovation	2008-2009	lecturer 15 EC Master 35 students	6.7
Advanced Analysis of Innovation Systems	2007-2008	Course design, lecturer	7.8
	2006-2007	7.5 EC Master 35 students	7.4
Analysis of Transport System dynamics	2007-2008	Course design, lecturer	7.4
	2006-2007	7.5 EC Master 20 students	6.7
Systeemanalyse voor Mobiliteit en Infrastructuur	2006	Lecturer 7.5 EC Master 20 students	7.5

INVITED LECTURES AT PHD SCHOOLS

2015	Lecturer at the Summer School of the European Forum for Studies of Policies for Research and Innovation on Measuring and Modeling Dynamics in Innovation Systems, Utrecht
2014	Lecturer at the ESDES Workshop on the Economics of Innovation. ESDES - School of Management- Catholic University of Lyon. March 20
2013	Lecturer at the Summer School of the European Forum for Studies of Policies for Research and Innovation on Measuring and Modeling Dynamics in Innovation Systems, Utrecht
2011	Lecturer at Dimetic PhD course on Modelling, Geography of innovation and growth, Policy

2007 Lecturer at Wageningen University PhD course on Complexity in and between social and ecosystems

ORGANISATION OF SCIENTIFIC MEETINGS & OTHER ACADEMIC ACTIVITIES

- 2016 Guest editor special issue *Journal of Cleaner Production on Sustainable Supply Chains*
- 2015 Reviewer Nordic Energy Research's Nordic Flagships call for proposals
- 2015 Programme committee member ESSA 2015
- 2014 Member of NWO MagW Veni Committee. (Year 2014-2015)
- 2014 Joined the editorial board of *Technological Forecasting and Social Change* (Impact Factor 2.1)
- 2014 Program Chair *International Conference on Sustainability Transitions*, 27-29 August, Utrecht
- 2014 Guest editor special issue *Environmental Innovation and Societal Transitions on IST2014 Conference, in progress.*
- 2011 Organizer International Workshop on *Patents and Sustainability* Utrecht University June 6-8 2011
- 2011 Special session organiser *Evaluation of Transition Policy* Second International Conference on Sustainability Transitions, Lund June 13-15, 2011
- 2010 Reviewer *National Centre For Scientific and Technical Information of Kazakhstan* (NCSTI)
- 2009 Keynote lecture at the *KSI International Conference*, Amsterdam, 4-5 June 2009.
- 2007 Invited participant to the workshop on *Computational and Mathematical Approaches to Societal Transitions*, Leiden University February 26th-March 2nd 2007
- 2006 Organizing Committee Member of the *Third International Conference on Computational Management Science*. Amsterdam, May 17-19, 2006.
- 2006 Invited participant to the international workshop on *Transitions to sustainability: Complexity, co-evolution and Governance*, Egmond aan Zee, November 20-24, 2006.
- 2006 Guest editor special issue *Journal of Computational Economics: Fundamental Results on Evolutionary Simulations of Socio-economic systems* (*Computational Economics* 28(4), 2006)
- 2003 Program Committee member *International Workshop on Computational Intelligence in Economics and Finance* (CIEF'2003) September 26-30, 2003, Cary, North Carolina, USA.
- 2002 Participant *Santa Fe Institute Complex Systems Summer School* (Acceptance rate 15%).
- now Regular reviewer for: *Journal of Evolutionary Economics*, *Technology Analysis and Strategic Management*, *Druid*, *Research Policy*, *Technological Forecasting and Social Change*, *Energy Policy*, *Environmental Innovation and Societal Transitions*

INSTITUTIONAL RESPONSIBILITIES

- 2011 – 2014 Chair of the Assessment Committee of the Board of Examiners of the Faculty of Geosciences, Utrecht University.
- 2011 – 2014 Member of the Board of Examiners of the Department of Innovation, Environmental and Energy Sciences, Faculty of Geosciences, Utrecht University

- 2009 – 2010 Member of the Master programme advice committee Science and Innovation Management
- 2008 – 2010 Member of the Utrecht University Advisory Committee on Information Technology
- 2010 – now Editor of the Innovation Studies Working Paper Series (indexed by RePec)

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- 2014 – European Social Simulation Association.
- 2012 – International Joseph Alois Schumpeter Society
- 2010 – 2014 Research school for socio-economic and natural sciences of the environment (SENSE)