

RESUME d.d. 5 February 2025 YÖK format

- 1 Name Surname:** Erik den Hartigh
- 2 Date of Birth:** 20 September 1971
- 3 Place of Birth:** Terneuzen, Netherlands
- 4 Title:** Dr.
- 5 Field of expertise:** Company Innovation Systems (CIS), Business Ecosystems, Digital Platforms, Technology & Innovation Strategy
- 6 Languages:** Dutch (fluent), English (fluent), German (good)
French (reasonable/good), Turkish (beginner)

7 Education

Degree	Field	Name of University/Academy	Years Studied
Undergraduate – BA*	Business Economics	Erasmus University Rotterdam	1989-1995
MA*	Business Economics	Erasmus University Rotterdam	1989-1995
PhD	Economics	Erasmus University Rotterdam	1998-2005
Assistant Professorship	Strategy and innovation	Delft University of Technology	2003-2013
Currently	Strategy and innovation	Ozyegin University	2009-now

* in 1995 there was no Bachelor-Master distinction yet

8 Supervised Masters and Doctorate Theses

8.1 Masters

All at Delft University of Technology, in total 49 times first supervisor, 21 times second supervisor

Student name	Own role	Title/subject
2012-2013		
Ayunia, Shinta	First supervisor	Co-creation and competitive advantage
Boon, Maurice	First supervisor	Innovation strategy project portfolio at Fokker
Hakvoort, Roel	First supervisor	Governance of ecosystems from the perspective of an SME
Jagtman, Arnoud	First supervisor	A dashboard for sustainability at Rabobank NL
Kamalapurkar, Aditya	First supervisor	Company Innovation System at CapGemini
Michavila, Jaime	Second supervisor	Innovation benchmarking at SEAT
Rahmiwati, Anindia	First supervisor	Financial and collaborative aspects of innovation projects at Fokker
Schmidt, Florian	Second supervisor	Trends in air transport
Van Vierssen Trip, Ward	First supervisor	R&D strategy of Pharma firms

Student name	Own role	Title/subject
2011-2012		
El-Halil, Hanaa	First supervisor	Open innovation and the R&D-Marketing interface (Nutricia-
Gosteva, Natasha	First supervisor	Creation of incubator community (Rotterdam Internet Valley)
Kleiberg, Ernst-Jan	First supervisor	The influence of IT on business model innovation
Nieuwenhuizen, Robert	First supervisor	IBM Innovation challenge
Pagkozidis, Alexios	First supervisor	Governance of a business ecosystem (Philips smart TV)
Van Braam, Andreas	First supervisor	The coherence premium
2010-2011		
Mahabier, Gracella	First supervisor	IBM Innovation challenge
Van Diepen, Gijs	Second supervisor	Arkefly ancillary revenues
Van der Hall, Arjan	First supervisor	IBM Innovation challenge
2009-2010		
Shibeshi, Alexander	second supervisor	Self-organizing logistics: ant principles
Sibuea, Andy Credo	first supervisor	IBM Innovation challenge
Xiaojing, Wang	first supervisor	IBM Innovation challenge
2008-2009		
Alvarez, Harold Alvarez	first supervisor	ABN Amro Options for options
Boogaert, Ruud	second supervisor	Platform innovation at KPN
Cevik, Yenal	first supervisor	Health of business ecosystems
2007-2008		
Alberga, Sharleen	first supervisor	Service innovation and productivity
Berghuis, Suzanne	first supervisor	IBM Innovation measurement tool
Chhetri, Nawaraj	first supervisor	Strategic options for Bhutan Power Corp.
Engelmann, Michael	first supervisor	Positioning TNO in the semiconductor industry
Engelmann, Michael	first supervisor	Technology portfolio analysis at TNO
Jong, Ric de	first supervisor	Growth stages of companies
Lijkwan, Robin	first supervisor	Portfolio voor cross-media conceptyen bij Endemol
Peretz, Hanan	first supervisor	Service value at Microsoft Netherlands
Schuit, Mark	second supervisor	Simulation processes in British Telecom
Setiawan, Yenni	first supervisor	Diffusion of Software-as-a-Service at Microsoft
Silva, Edgardo	first supervisor	Mobile payment at CapGemini
Wevers, Rene	second supervisor	Interorganizational relationships

Student name	Own role	Title/subject
2006-2007		
Aydinoglu, Begum	first supervisor	IBM
Beckermann, Stephen	first supervisor	Networks in the idea generation phase in the automotive industry
Grijp, Paul de	second supervisor	IT outsourcing in small business / entwork relation in IT market
Jimenez Salas, Adolfo	first supervisor	health of business ecosystems
Jongerius, Cees	second supervisor	Platform strategy GPS systems
Rossum, Menno van	first supervisor	PON - PE strategy
Surie, Sebastiaan	second supervisor	IT outsourcing with Microsoft
Villeneuve, Erwin de	first supervisor	Innovation partnerships (ABN)
Vos, Erik	first supervisor	Business ecosystems (simulation)
Waltmans, Bjorn	second supervisor	Airplane lease with ING Group
Wu, Jun	first supervisor	IBM
2005-2006		
Bakker, Gerben	second supervisor	Application of game theory for cooperative innovation at IBM
Garnier, Laurent	first supervisor	Interdependence between strategy models
Ghys, Stefaan	second supervisor	Innovatiemogelijkheden bij Stork-Fokker
Nagel, Roeland	first supervisor	Tool for improving fuzzy front end of innovation at IBM
Reijzen, Sander van	first supervisor	Tool for measuring innovative capacity at IBM
Sar, Pim van der	second supervisor	Praktijk: Quality and time-to-market for electronics companies in China; theorie: ontwikkeling Chinese elektronica markt
Seton, Roy	second supervisor	Logistic strategy and shifting of CDP with Maersk
Verboom, Joost	first supervisor	Van triple play naar multi play bij CASEMA
Visscher, Wouter	first supervisor	Business ecosystems (Microsoft)
Zand, Fardad	second supervisor	Inter-organizational cooperation and ICT
2004-2005		
Ai, Su (Charlotte)	second supervisor	Local vs central production of energy (ENECO)
Bagli, Michel	first supervisor	Meting van kennisnetwerken (Squarewise)
Commandeur, Pieter	second supervisor	Projectmanagement van FormulaStudent (intern)
Feng Hui (Cora)	first supervisor	Selling innovation to customers (IBM)
Ras, Stefan	first supervisor	Kwaliteit van IT applicaties voor bankkantoren (ABN-Amro)
Reuvers, Sander	first supervisor	Distributed project management (Siemens)
Visser, Kris	second supervisor	Kennismanagement en projectmanagement

Student name	Own role	Title/subject
Wei, Jie (Jane)	first supervisor	Business ecosystems (Microsoft)
Zhang, Xiaoni	first supervisor	Company strategies in increasing returns markets
Zhao, Ming (Michael)	first supervisor	Business ecosystems (Microsoft)
2003-2004		
Kuil, Pieter van der	second supervisor	Exchange of project management knowledge between project teams (Deerns)
Kwee, Zenlin	second supervisor	Characteristics of long-living companies (Accenture)

8.2 Doctorate

Own role	Doctorate student	Year of graduation
Özyeğin University		
PhD thesis (committee chair)	Ms. Irmak Mutlu: Digital Technology Impact on The Digital Transformation of Companies: A Study in the Automotive Retail and Aftersales Sector	2023
PhD thesis (committee chair)	Mrs. Neriman Gökçay: The relationship between internationalization and innovation in emerging country multinational companies	2020
PhD thesis (committee member)	Mr. Mehmet Eriş: Cost Effective Formal Verification Methods in Product Development Lifecycle: An Aviation Application	In progress
Delft University of Technology		
PhD thesis (daily supervisor, committee member)	Mrs. Elisa Anggraeni: Firm Performance: The role of internal and external resources, and strategic actions	2014
PhD thesis (daily supervisor with right of opposition at the thesis defense)	Ms. Claire C.M. Stolwijk: The relation between the evolution of technologies and the networks around focal firms developing and commercializing these technologies	2012

9 Publications

9.1 Articles published in international SCI, SSCI and AHCI scholarly journals

Den Hartigh, E., Stolwijk, C. C., Ortt, J. R., & Punter, L. M. (2023). Configurations of digital platforms for manufacturing: An analysis of seven cases according to platform functions and types. *Electronic Markets*, vol.33 no. 1, 30.

Hartigh, E. den, J.R. Ortt, G. van de Kaa & C.C.M. Stolwijk (2016); Platform control during battles for market dominance: The case of Apple versus IBM in the early personal computer industry. *Technovation*. vol.48-49, pp.4-12.

Stolwijk, C.C.M., E. den Hartigh, W.P.M. Vanhaverbeke, J.R. Ortt & C. van Beers (2015); Cooperating with technologically (dis)similar alliance partners: the influence of the technology life cycle and the impact on innovative and market performance. *Technology Analysis & Strategic Management*, vol.27, no.8, pp.925-945.

Stolwijk, C.C.M., J.R. Ortt & E. den Hartigh (2013); The joint evolution of alliance networks and technology. A survey of the empirical literature; *Technological Forecasting and Social Change*, vol.80, pp.1287-1305.

Stolwijk, C.C.M., W.P.M. Vanhaverbeke, J.R. Ortt, M.W. Pieters, E. den Hartigh & C. van Beers (2012); The effect of internal and external technology sourcing on firm performance throughout the technology life cycle; *Technology Analysis & Strategic Management*, vol.24, no.10. pp.1013-1028.

Duin, P.A. van der & E. den Hartigh (2009); Keeping the balance: exploring the link of futures research with innovation and strategy processes. *Technology Analysis & Strategic Management*, vol.21, no.3, pp 333-351 (ISSN 0953-7325)

Hartigh, E. den & F. Langerak (2002); Monitoring self-reinforcing mechanisms: a case study; *European Management Journal*; vol.20, no.5, pp.495-504 (ISSN 0263-2373)

Hartigh, E. den & F. Langerak (2001); Managing increasing returns; *European Management Journal*; vol.19, no.4, pp. 370-378. (ISSN 0263-2373)

9.2 Articles published in other international scholarly journals

Hartigh, E. den & M.A. Zegveld (2007); Productiviteitsgroei van dienstverlenende ondernemingen; *Economisch Statistische Berichten*; 92e jaargang, nr. 4512, 15 juni 2007, pp.363-365 (ISSN 0013-0583)

Hartigh, E. den & F. Langerak (2004); De wet van Verdoorn en ondernemingen; *Economisch Statistische Berichten*; 89e jaargang, nr. 4423, 9 januari 2004, pp.11-13 (ISSN 0013-0583)

9.3 Articles published in other journals

Zegveld, M. & E. den Hartigh (2007); De winst van productiviteit; *Management Executive*; September/Okttober 2007; pp.18-21. (ISSN 1571-862x)

Zegveld, M. & E. den Hartigh (2007); De winst van productiviteit; *Management Scope; Expert*; Mei 2007, pp.60-61. (ISSN 1387-5183)

Asseldonk, A.G.M. van, L. Berger & E. den Hartigh (2002); Towards a new paradigm: applying the principles of emergent order to marketing and the supply chain; *Executive Outlook*; vol.2, no.2, pp.60-75.

Asseldonk, A.G.M. van & E. den Hartigh (2001); Ruimte voor klantgestuurde oplossingen; InforMAAatie.

Hartigh, E. den & F. Langerak (2001); Stijgende meeropbrengsten managen; Marketing Wise; no.4, pp.22-34. (ISSN 1381-1126) [translation of 'Managing increasing returns'; European Management Journal; vol.19, no.4, pp. 370-378]

Hartigh, E. den & F. Langerak (1999); Toenemende meeropbrengsten: een strijd op leven en dood; Holland Management Review; no. 64, pp. 49-55. (ISSN 0927-4375)

Asseldonk, A.G.M. van & E. den Hartigh (1998); Voorspellende database-marketing als limiet van de wanhoop; Nijenrode Management Review, no. 11, juli-augustus, pp. 64-78 (ISSN 1386-3347).

9.4 Proceedings published and presented in international conferences

Apaydin, M., E. den Hartigh, M.M. Crossan and I. Bou-Hamad (2024); Unleashing Innovation: Testing a Comprehensive Model. Paper for the Symposium on Unleashing Entrepreneurial Brilliance: Navigating Success in a Dynamic World at USEK Business School, Lebanon, 26 April 2024.

Mutlu, I., Den Hartigh, E. & Üçler, Ç. (2022); Digital Technology and the Stages of Digital Business Transformation. IEEE 28th ICE/ITMC & 31st IAMOT joint conference. June. Nancy, France. Proceedings July 2022, p444-451.

Hartigh, E. den (2018); Company Innovation System: a conceptualization. 27th International Conference on Management Of Technology. International Association on Management of Technology (IAMOT), 22-26 April, Birmingham.

Apaydin, M. and E. den Hartigh (2015); Testing a comprehensive model of organizational innovation: comparing global and Egyptian practices. International Conference on Organization and Management (ICOM), Abu Dhabi (UAE), 22-23rd November.

Apaydin, M. and E. den Hartigh (2015); Contextualization of Organizational Innovation Practices in The Mena Region. Academy of International Business MENA Chapter Conference, Dubai, 13-15th of January.

Den Hartigh, E., H. Küçükönel & B. Verheij (2012); The Turkish Aviation System and the Strategy of Turkish Airlines. In: Curran, R., Fischer, L., Pérez, D., Klein, K., Hoekstra, J., Røling, P., Verhagen, W.J.C. (eds.) Air Transport and Operations – Proceedings of the third international air transport and operations symposium 2012. Amsterdam: IOS Press, p.231-246. (ISBN 978-1-61499-118-2 print 978-1-61499-119-9 online).

Den Hartigh, E., Ortt, J.R., van de Kaa, G., & Stolwijk, C.C.M. (2011); Technology standards battles and business networks during the technology life cycle: propositions and a plan for further research. In: Blind, K & K. Jakobs (eds.) Proceedings of the 7th international conference on standardization and innovation in information technology (SIIT), pp.91-99 (ISBN 978-1-4577-2020-8).

Den Hartigh, E., Ortt, J.R., van de Kaa, G., & Stolwijk, C.C.M. (2010); Technology Standards Battles and Business Networks During the Technology Life Cycle: A Comparative Case Study. 19th International Conference on Management of Technology (IAMOT), pp. 20.

Den Hartigh, E., J.R. Ortt, G. van de Kaa & C.C.M. Stolwijk (2009); Technology standards battles and networks during the technology life cycle: the battle between HD-DVD and Blu-Ray. International Product Development Management Conference (IPDM), 7-9 June 2009.
Van Asseldonk, A.G.M. van & E. den Hartigh (2008); Economic productivity and value creation under various organizational configurations of business processes: A toolkit for phase transitions. European Chaos/Complexity in Organisations Network (ECCON), Conference 17-19 October 2008.
Anggraeni, E., E. den Hartigh & M.A. Zegveld (2008); Firm strategic orientation in a business ecosystem. European Chaos/Complexity in Organisations Network (ECCON), Conference 17-19 October 2008.
Anggraeni, E., E. den Hartigh & M.A. Zegveld (2007); Business ecosystem as a perspective for studying the relations between firms and their business networks. European Chaos/Complexity in Organisations Network (ECCON), Conference 19-21 October 2007.
Duin, P.A. van der & E. den Hartigh (2007); Linking futures research with management science: improving innovation and strategy processes within companies. Paper presented at the Cost-A22 conference 'From oracles to dialogue: exploring new ways to discover the future', Athens, Greece, July 9 – 11 2007.
Hartigh, E. den, M. Tol & W. Visscher (2006); The health measurement of a business ecosystem. European Chaos/Complexity in Organisations Network (ECCON), Conference 20-21 October 2006.
Hartigh, E. den, M. Tol, J. Wei, W. Visscher & M. Zhao (2005); Modeling a business ecosystem: An agent-based simulation; European Chaos/Complexity in Organisations Network (ECCON), Conference 21-22 October 2005.
Zegveld, M.A. & E. den Hartigh (2005); Competing with dual innovation strategies: innovation, productivity and sustainability; Technology Policy and Innovation Conference 2005; Book of Abstracts, Technology Policy and Innovation: Value added partnering in a changing world?
Hartigh, E. den, F. Langerak & M.A. Zegveld (2005); The Verdoorn Law and Firm Performance; Technology Policy and Innovation Conference 2005; Book of Abstracts, Technology Policy and Innovation: Value added partnering in a changing world?
Hartigh, E. den & A.G.M. van Asseldonk (2004); Business ecosystems: A research framework for investigating the relation between network structure, firm strategy, and the pattern of innovation diffusion; European Chaos/Complexity in Organisations Network (ECCON), Conference 22-23 October 2004.
Hartigh, E. den, F. Langerak & H.R. Commandeur (2004); The impact of self-reinforcing mechanisms on performance; in: Cron, W.L. and G.S. Low (eds.); Marketing theory and applications: Marketing's role in creating value; Proceedings 2004 American Marketing Association Winter Educator's Conference 15, Chicago, pp.207-208.
Asseldonk, A.G.M. van, E den Hartigh & L. Berger (2003); Morphology, entropy, and stability in networked structures; Contribution to the European Chaos/Complexity in Organisations Network (ECCON) Conference, June 2003, Guimarães, Portugal; in: Putnik, G.D. & A. Gunasekaran (eds.) Business Excellence I: Performance Measures, Benchmarking and Best Practices in New Economy; University of Minho, Braga, pp.255-260 (ISBN 972 8692 08 0).

Zegveld, M.A. & E. den Hartigh (2002); The productivity of knowledge; Contribution to the Conference 'Knowledge and Management', 25-27 November 2002, Madrid.

Asseldonk, A.G.M. van, L. Berger & E. den Hartigh (2002); Emergence and Creativity: Creative Solutions to Governing Emergent Order in Complex Social Systems; European Chaos/ Complexity in Organisations Network (ECCON), Conference 18-19 October 2002, paper 2.

Weken, H., E. den Hartigh, F. Langerak & E. Bal (1997); Exploratory results on supplier suggestion programmes as a means to improve supply chain relations; in: The Institute of Logistics, Proceedings of the Logistics Research Network Conference, held at the University of Huddersfield, 16th and 17th September 1997 (ISBN 1 870214 40 4).

Weken, H.A.M., P. van Kol, F. Langerak, E. den Hartigh & S.G. Verhagen (1997); Selection of suppliers for supply chain improvement: a tool for OEM's in transition towards lean supply, a case study in the Dutch truck industry; in: IPSERA; Proceedings of the 6th IPSERA conference, Naples.

9.5 International books

Zegveld, M.A. & E. den Hartigh (2007); De winst van productiviteit: sturen op resultaat in dienstverlening. Publicatie in opdracht van Stichting Management Studies, Den Haag; Van Gorcum, Assen, 133p. (ISBN 978 90 232 4303 8)

Hartigh, E. den (2005); Increasing returns and firm performance: an empirical study. PhD Thesis Erasmus University Rotterdam; ERIM, Rotterdam, 530p. (ISBN 90-5892-20-984)

Zegveld, M.A., W.C.L. Zegveld & E. den Hartigh (2004); Sturen op productiviteit in de kenniseconomie: opmaat voor een nationale actieagenda. Stichting Maatschappij en Onderneming, Den Haag, 95p. (ISBN 90-6962-212-2)

Asseldonk, A.G.M. van, L. Berger & E. den Hartigh (2002); Complexiteit van alledag: voor bestuurders en managers; TVA developments bv, Veldhoven, 86p. (ISBN 90-802865-5-9)

Asseldonk, A.G.M. van, L. Berger & E. den Hartigh (2002); Complexiteit van alledag: voor bestuurders en managers; TVA developments bv, Veldhoven, 86p. (ISBN 90-802865-5-9)

Zegveld, M.A., L. Berger, A.G.M. van Asseldonk & E. den Hartigh (2002); Turning knowledge into cash-flow: governing knowledge-based productivity; TVA developments bv, Veldhoven, 122p. (ISBN 90-802865-4-0)

Asseldonk, A.G.M. van, L. Berger & E. den Hartigh (2001); Emergence: creating strength without central power; six cases in business and society; TVA developments bv, Veldhoven, 63p.

Asseldonk, A.G.M. van, with S. van Gelder & E. den Hartigh (2000); Massa-individualisering: maatwerk zonder meerkosten; Samsom, Deventer, 100p. (ISBN 90-14-06573-6)

Asseldonk, A.G.M. van, with S. van Gelder & E. den Hartigh (2000); Massa-individualisering: geld verdienen aan de grillige consument; Samsom, Deventer, 150p. (ISBN 90-14-06772-0)

Zegveld, M.A. & E. den Hartigh (eds.) (1998); Massa-individualisering: maatwerk in de praktijk; TVA developments bv, Veldhoven, 200p. (ISBN 90 802865 3-2)

9.6 Chapters in international books

<p>Hartigh, E. den, C.C.M. Stolwijk, J.R. Ortt & W.P.M. Vanhaverbeke (2018); ASIC commercialization analysis: Technology portfolios and the innovative performance of ASIC firms during technology evolution. In: Fisher, E.M.D. (ed.), Application Specific Integrated Circuits - Technologies, Digital Systems and Design Methodologies. InTech Open. [note that although this is an open-source publisher, the book editor, Dr. Edward M.D. Fisher, is a respected scholar in his field (microelectronics systems design)]</p>
<p>Den Hartigh, E., W. Visscher, M. Tol & A. Jiménez-Salas (2013); Measuring the health of a business ecosystem. In Jansen, S., M. Cusumano & S. Brinkkemper (Eds.), Software Ecosystems: Analyzing and Managing Business Networks in the Software Industry, pp.221-246. Edward Elgar Publishing: Cheltenham (UK).</p>
<p>Van der Duin, P.A. & E. den Hartigh (2011); Keeping the balance: exploring the link of futures research with innovation and strategy processes. In: Mendonça, S & B. Sapio (eds.); Foresight for dynamic organisations in unstable environments: a search for new frameworks. Routledge: London; Chapter 4, pp.47-65 (ISBN 978-0-415-67223-8)</p>
<p>Den Hartigh, E. & M.A. Zegveld (2011); Service productivity: how to measure and improve it. In: Demirkan, H., J.C. Spohrer & V. Krishna (eds.); Service Systems Implementation. Springer: New York; pp.183-198 (ISBN 978-1-4419-7904-9).</p>
<p>Zegveld, M.A. & E. den Hartigh (2009); Dual innovation strategies: empirical modeling; in: Van Geenhuizen, M., D.M. Trzmielak, D.V. Gibson & M. Urbaniak (eds.); Value-added Partnering and Innovation in a Changing World; Purdue University Press, West Lafayette (IN); pp.344-357 (ISBN 978-1-55753-513-9)</p>
<p>Hartigh, E. den, F. Langerak & M.A. Zegveld (2009); The Verdoorn law, firm strategy and firm performance; in: Van Geenhuizen, M., D.M. Trzmielak, D.V. Gibson & M. Urbaniak (eds.); Value-added Partnering and Innovation in a Changing World; Purdue University Press, West Lafayette (IN); pp.358-373 (ISBN 978-1-55753-513-9)</p>
<p>Hartigh, E. den & M. Tol (2008); Business ecosystem; in: Encyclopedia of Networked and Virtual Organizations; Putnik, G. & M.M. Cunha (eds.); IGI Global, Information Science Reference, Hershey (NY); Vol. I, pp. 106-111 (ISBN 978-1-59904-885-7)</p>
<p>Hartigh, E den (2008); Extent of Network Effects and Social Interaction Effects; in: Encyclopedia of Networked and Virtual Organizations; Putnik, G. & M.M. Cunha (eds.); IGI Global, Information Science Reference, Hershey (NY); Vol. I, pp. 587-592 (ISBN 978-1-59904-885-7)</p>
<p>Asseldonk, T. van, E. den Hartigh & L. Berger (2008); Morphology and Entropy in Networks; in: Encyclopedia of Networked and Virtual Organizations; Putnik, G. & M.M. Cunha (eds.); IGI Global, Information Science Reference, Hershey (NY); Vol. II, pp. 957-963 (ISBN 978-1-59904-885-7)</p>
<p>Hartigh, E. den (2008); Network Effects; in: Encyclopedia of Networked and Virtual Organizations; Putnik, G. & M.M. Cunha (eds.); IGI Global, Information Science Reference, Hershey (NY); Vol. II, pp. 1007-1013 (ISBN 978-1-59904-885-7)</p>
<p>Hartigh, E. den (2008); Network Effects and Market Outcomes; in: Encyclopedia of Networked and Virtual Organizations; Putnik, G. & M.M. Cunha (eds.); IGI Global, Information Science Reference, Hershey (NY); Vol. II, pp. 1014-1021 (ISBN 978-1-59904-885-7)</p>

Hartigh, E. den (2008); Social Interaction Effects; in: Encyclopedia of Networked and Virtual Organizations; Putnik, G. & M.M. Cunha (eds.); IGI Global, Information Science Reference, Hershey (NY); Vol. III, pp. 1454-1458 (ISBN 978-1-59904-885-7)

Van der Duin, P. & E. den Hartigh (2007); Managing the future. In: Knowing tomorrow: How science deals with the future; Van der Duin, P. (ed.); Eburon Academic Publishers, Delft; Chapter 9, pp. 149-166 (ISBN 978-90-5972-229-3)

Zegveld, M.A. & E. den Hartigh (2002); De productiviteit van kennis. in: Kennis en Management; Baalen, P. van, M. Weggeman & A. Witteveen (red.); Scriptum Management, Schiedam; pp. 104-127. (ISBN 90-5594-248-0)

9.7 Articles published in Turkish scholarly journals

None

9.8 Articles published in other Turkish journals

None

9.9 Proceedings published and presented in Turkish conferences

Mutlu, I. & Den Hartigh, E. (2019); Digitization, Digitalization, and Digital Transformation as Stages of the Use of Digital Technology in Business. DTSS 2019 Digital Transformation and Smart Systems. ODTÜ, Ankara 23-25 October.

Den Hartigh, E., P. Uzun & A. Anwar (2017); Company Innovation System: An exploration based on examples from Arçelik and Vestel. Istanbul University 2nd World Conference on Technology, Innovation and Entrepreneurship, Istanbul, 12-14 May, In: Pressacademia Procedia, 2017, vol.4, pp.93-102 (ISSN 2459-0762; DOI: 10.17261/Pressacademia.2017.523).

9.10 Books published in Turkey

None

9.11 Other publications

Hartigh, E. Den (2011); Business ecosystem. Catalogue of concepts, theories and methods. Delft University of Technology, Technology, Policy and Management.

Hartigh, E. Den (2011); Increasing returns. Catalogue of concepts, theories and methods. Delft University of Technology, Technology, Policy and Management.

Hartigh, E. Den (2011); Verdoorn's law (at the firm level). Catalogue of concepts, theories and methods. Delft University of Technology, Technology, Policy and Management.

Hartigh, E. den, F. Langerak & H.R. Commandeur (2002); The effect of self-reinforcing mechanisms on firm performance; ERIM Report Series Research in Management, ERS 2002-46-MKT.

Hartigh, E. den, F. Langerak & H.R. Commandeur (2000); A managerial perspective on the logic of increasing returns; ERIM Report Series Research in Management, ERS 2000-48-MKT.

Hartigh, E. den (1998); Increasing returns; contribution to 'Onderzoek & Praktijk'; M&O, tijdschrift voor Management en Organisatie; no. 5, pp.71-74 (ISSN 0165-1722).

Hartigh, E. den (1998); Book review of "Mass-individualisation. Business strategies applying networked order to create economic value in heterogeneous and unpredictable markets.", A.G.M. van Asseldonk, TVA management bv, Veldhoven, 1998; M&O, tijdschrift voor Management en Organisatie; no. 4, pp.68-82 (ISSN 0165-1722).

9.12 International citations

From Google Scholar 12 September 2024	All	Since 2020
All	988	361
h-index	13	8
i10-index	14	6

10 Projects

Project	Description	Year
At Özyeğin University		
Grundtvig project	Developing a program to teach Project management to SMEs and NGOs	2010-2012
At Delft University of Technology		
IBM Netherlands	IBM-TU Delft Innovation Challenge: a project to assess companies' innovation capabilities in cooperation with the IBM Center for Advanced Studies	2006-2011
Microsoft Netherlands	Exploring Business Ecosystems structure, management and creation at Microsoft Netherlands	2004-2006

Project	Description	Year
Royal Dutch/Shell Project Academy	I was involved in the design of a course on Project Scoping, Planning and Control for advanced project managers in the Shell organization (cooperative program of Shell (worldwide) and the Technology, Policy and Management faculty of the Delft University of Technology)	2007-2008
ProvenModels	Member of the advisory board of ProvenModels.com, a company that made proven management models on-line available to a wide public of students, researchers and managers	2005-2010
At TVA developments bv		
Consulting projects and projects on the edge of consulting and research	From 1997 till 2009 I was affiliated with TVA developments bv (part-time). I was involved in project acquisition, project implementation, and fundamental and applied research. TVA developments, founded in 1991, was a small, specialized consulting company in the field of strategic policy and transformation. On the basis of (to a large extent) own research it advised the management of large businesses and public organizations on complex strategic issues. TVA was best regarded as a high-level think-tank that assisted managers and policy makers with the redefinition of their business processes and management tasks. TVA developments had a leading role in developing and implementing the concepts of Mass-individualization, Knowledge Productivity and Complex systems in the Netherlands.	1997-2009

11 Academic and Administrative Assignments

11.1 Academic Assignments

Assignment	Description	Year
At Özyeğin University		
Coordinator of PhD track	Coordinator of the Management Track of the PhD in Business Program	2014-2017
At Delft University of Technology		

Assignment	Description	Year
Developing and maintaining company relationships	Establishing and continuing relations with technology-based companies and companies using technology to provide services: <ul style="list-style-type: none"> • Carrying out meaningful applied research in cooperation with companies • Providing Master thesis students and Master Profile students with attractive internship and company assignment possibilities • Companies with which those relationships were maintained included: IBM, Microsoft, ABN-Amro Bank, ING Group, Accenture and Booz&Co. 	2005-2009
Master Thesis coordination	Guiding Master thesis students towards the topic that suited them best, e.g., though talking with them, commenting on first proposal drafts, keeping track of their progress, solving problems, coordinating with other departments, presenting my department at faculty Master thesis fairs	2005-2009
Master Profile coordination for the Innovation Systems specialization	Guiding Master students in composing the right portfolio of courses and assignment for their profile choice. I was also the main responsible for developing the specialization.	2007-2009
Master Thesis quality committee	Member of a committee to review the quality of Master thesis projects at the faculty and recommend on future improvements in the guiding and grading process	2006-2007

11.2 Administrative Assignments

Assignment	Description	Year
At Özyeğin University		
AACSB responsible	Main responsible person to get the School to AACSB accreditation Started end 2015, finalized Spring 2023, with the School becoming AACSB accredited.	2015-2023
Bologna coordinator	Responsible for organizing the process of writing course descriptions and ensuring their quality and equivalence in line with the EU Bologna process	2016-2023

Assignment	Description	Year
Management group coordinator	Coordinating relevant activities in the management group: education coordinator, coordinating and active involvement in the faculty recruiting process	2016-2023
Strategy committee	Member of Faculty Strategy committee	2015-2017
Curriculum and Assurance of Learning Committee	Member of the committee	2023-2024
Research Overview and Faculty Qualifications Committee	Member of the committee (2024) Chair of the committee (from Spring 2025)	2024-now
At Delft University of Technology		
Literature access	Initiating improved access to management and economic literature (which was problematic as the Delft University library is mainly technical oriented): contacts with Delft University library, other university libraries	2004-2006
Education coordination	Making and monitoring the department's portfolio of educational activities, monitoring the time and effort spent on those activities, monitoring the financial compensation, monitoring the balance of work between different department members	2005-2009
Student Peer evaluation system	Development of a system for peer-evaluation of group wise projects: in group work, normally all students get the same grade; this system enables them to review each others' performance and differentiate grades, so that good and hard-working students get higher grades and shirkers get lower grades. This system was pioneered by me and has been subsequently used in multiple courses involving group work. It was developed into a university-wide available system.	2007-2009

12 Membership in Turkish and international scientific and professional organizations

None

13 Awards

None

14 Fill in the undergraduate and graduate courses you gave in the past two years in the below table

Academic year	Semester	Course	Weekly hour Theory	Weekly hour Application	Student number
2022-23	Fall	MGMT401 Technology and Innovation Management	4	8	72
2022-23	Spring	MGMT401 Technology and Innovation Management	4	8	24
2022-23	Spring	SEC402 Business integration	4	8	33
2022-23	Spring	MGMT823 Strategy and the Business Landscape	4	8	18
2023-24	Fall	MGMT311 Project Management	4	8	57
2023-24	Fall	MGMT401 Technology and Innovation Management	4	8	58
2023-24	Spring	MGMT311 Project Management	4	8	36
2023-24	Spring	MGMT401 Technology and Innovation Management	4	8	37

* I count hours spent according to ECTS, not class-hours

15 Other

I regularly review for the following journals:
Technology Analysis & Strategic Management Technovation Technological Forecasting and Technological Change Electronic Markets British Journal of Management Various journals and conferences in the field of Technology & Innovation Management and directly related fields

Guest editorship

Since half 2023 I am *managing guest editor* of a virtual special issue on Digital Business-to-Business Platforms for Manufacturing of the journal *Technovation* (one of the leading journals in the field of technology and innovation management).

16 Contact Information

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