

Curriculum Vitae

Prof.dr. Henderik A. Proper

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1 Details

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2 Career overview

Prof.dr. Henderik A. Proper, Erik for friends, is an FNR PEARL Laureate, and senior research manager within the Computer Science (ITIS) department of the Luxembourg Institute of Science and Technology (LIST) in Luxembourg. He is also Adjunct Professor in Data & Knowledge Engineering at the University of Luxembourg. He regularly provides guest lectures within different MSc programmes offered by the University of Luxembourg (LU), the University of Lorraine (FR), TU Wien (AT), the University of Namur (BE), Antwerp University (BE), and TIAS (NL).

Erik has a mixed background, covering a variety of roles in both academia and industry. His core research drive is the development of *theories that work*. In other words, Erik focuses on research that leads to results that have both theoretical *rigour* and practical *relevance*. His general research interest concerns the foundations and applications of domain modelling. Over the past 20 years, he has applied this research drive and general research interest towards the further development of the field of enterprise engineering, and enterprise modelling in particular. His long experience in teaching and coaching a wide variety of people enables him to involve and engage others in this development. He has co-authored several journal papers, conference publications and books.

Erik received his Master's degree from the University of Nijmegen, The Netherlands in May 1990, and received his PhD (with distinction) from the same University in April 1994. In his Doctoral thesis he developed a theory for conceptual modelling of evolving application domains, yielding a formal specification of evolving information systems.

After receiving his PhD, Erik became a senior research fellow at the Computer Science Department of the University of Queensland, Brisbane, Australia. During that period he also conducted research in the Asymetrix Research Lab at that University for Asymetrix Corp, Seattle, Washington. In 1995 he became a lecturer at the School of Information Systems from the Queensland University of Technology, Brisbane, Australia. During this period he was also seconded as a senior

researcher to the Distributed Systems Technology Centre (DSTC), a Cooperative Research Centre funded by the Australian government.

From 1997 to 2001, Erik worked in industry. First as a consultant at Origin, Amsterdam, The Netherlands, and later as a research consultant and principal scientist at the Ordina Institute for Research and Innovation, Gouda, The Netherlands.

In June 2001, Erik returned to academia, where he became an adjunct Professor at the Radboud University Nijmegen. In September 2002, Erik obtained a full-time Professorship position at the Radboud University Nijmegen.

In January of 2008, he went back to combining industry and academia, by combining his Professorship with consulting and innovation at Capgemini, with the aim of more tightly combining his theoretical and practical work. Finally, in May 2010 Erik moved to the Luxembourg Institute of Science and Technology as a PEARL chair, while initially also continuing his chair at the Radboud University Nijmegen in the Netherlands. As of June 2017, Erik holds a chair in Data & Knowledge Engineering at the University of Luxembourg.

3 Research drive and research interests

Erik's core research drive is the development of *theories that work*. In other words, Erik focuses on research that leads to results that have both theoretical *rigour* and practical *relevance*. His general research interest concerns the foundations and applications of domain modelling, including:

1. philosophical and linguistic foundations of modelling,
2. conceptualisation processes,
3. value of modelling, and the return on modelling effort (RoME),
4. domain, and purpose, specific modelling languages,
5. computer assisted modelling and modelling tools,
6. model mining and automatic model (in)validation,
7. model-based systems (models as “runtime” artefacts),
8. learning & teaching modelling.

In the past he applied this general interest towards the model-based aspects of *information systems engineering*, including:

1. data & information modelling,
2. information discovery and information markets,
3. cognitive match-making,
4. workflow modelling and business process modelling.

Around the turn of the century, he shifted the focus of his work to the model-based aspects of *enterprise engineering and architecting*, including:

1. enterprise (architecture) modelling in general, as well as modelling of specific aspects/concerns, including:

- (a) business process modelling,
 - (b) business rules,
 - (c) architecture principles,
 - (d) role-based access control,
 - (e) value exchange and value co-creation,
 - (f) design rationale,
2. collaborative decision making and collaborative modelling,
 3. enterprise (design) coherence.

4 Academic education

- **Degree:** PhD Computer science (Cum Laude = with distinction)
Institute: Radboud University, Nijmegen, the Netherlands
Year: 1994
- **Degree:** MSc Computer Science
Institute: Radboud University, Nijmegen, the Netherlands
Year: 1990

5 Command of languages

Language	Reading	Speaking	Writing
Dutch	Fluent	Fluent	Fluent
English	Fluent	Fluent	Fluent
German	Fluent	Fluent	Good

6 Awards and distinctions

- 2020, nominated “*Academic data leader*” by CDO Magazine, led by the MIT Sloan School of Management, on my work on conceptual modelling and enterprise modelling.
- 2014, awarded the “*NAF penning*”, by the Netherlands Digital Architecture Forum, recognising my work on Enterprise Architecture.
- 2012, awarded the “*IFIP Outstanding Service Award*”, recognising many years of service to IFIP Working Group 8.1, its associated events, and the wider IFIP community.
- 2012, awarded an FNR PEARL grant of 3.3 M€
- 1999, awarded the “*Best Lecturer Business-Informatics 1998/1999 award*” for a lecture series on Software Engineering at the University of Tilburg, the Netherlands.
- 1994, PhD received the “SNS Bank” award.
- 1994, PhD received the predicate Cum Laude (= with distinction) from the Radboud University, Nijmegen, the Netherlands.

7 Employment

- **Employer:** Luxembourg Institute of Science and Technology, Luxembourg
Function: Senior Research Manager
Period: May 2010 – Present
- **Employer:** University of Luxembourg
Function: Adjunct Professor
Period: June 2017 – Present
- **Employer:** Radboud University, Nijmegen, the Netherlands
Function: Adjunct Professor
Period: January 2008 – January 2018
- **Employer:** Capgemini, Utrecht, the Netherlands
Function: Principal Consultant
Period: January 2008 – April 2010
- **Employer:** Radboud University, Nijmegen, the Netherlands
Function: Full-time Professor
Period: June 2001 – December 2007
- **Employer:** Ordina Institute, Gouda, the Netherlands
Function: Partner & Principal Scientist
Period: June 1998 – August 2001
- **Employer:** Origin, Amsterdam, the Netherlands
Function: Architect/Consultant
Period: June 1997 – June 1998
- **Employer:** Distributed Systems Technology Centre (DSTC), Brisbane, Australia
Function: Researcher, seconded from
Queensland University of Technology, Brisbane, Australia
Period: October 1995 – June 1997
- **Employer:** Queensland University of Technology, Brisbane, Australia
Function: Lecturer
Period: October 1995 – June 1997
- **Employer:** Asymetrix, Bellevue, Washington, USA
Function: Research consultant
Period: June 1994 – February 1995
- **Employer:** University of Queensland, Brisbane, Australia
Function: Senior research fellow
Period: May 1994 – October 1995
- **Employer:** Radboud University, Nijmegen, the Netherlands
Function: Junior researcher (AIO)
Period: May 1990 – May 1994
- **Employer:** HAN University, Arnhem, the Netherlands
Function: Part-time lecturer
Period: September 1992 – December 1993
- **Employer:** Radboud University, Nijmegen, the Netherlands
Function: Several tutorships
Period: September 1991 – June 1994

8 Research funding

- **Name:** CoBALab – Collaborative Business Analytics Laboratory
Source: FNR, Luxembourg
Size: Awarded funding: 400 K€. This project involves a collaboration between the National University of Singapore and Luxembourg Institute of Science and Technology, Luxembourg. The project, funded by the FNR, involved 3 fully funded PostDoc positions for two years, as well as an additional mobility grant.
Role: Main applicant
Year: 2016
- **Name:** An Integrative Design Framework for Business Innovation
Source: FNR, Luxembourg
Size: Awarded funding: 56 K€. A Mobility grant to support multiple (long-stay) research visits by Prof. Dr. Eng Chew from the University of Technology Sydney.
Role: Co-applicant
Year: 2014
- **Name:** ValCoLa – Value Co-creation Language
Source: FNR, Luxembourg
Size: Awarded funding: 1248 K€. This project involves a collaboration between the University of St. Gallen in Switzerland and Luxembourg Institute of Science and Technology, Luxembourg. The Luxembourg side of the project, funded by the FNR, involves 2 PostDocs and 1 Research Engineer for four years.
Role: Main applicant
Year: 2014
- **Name:** RationalArchitecture
Source: FNR, Luxembourg
Size: Awarded funding: 750 K€. This project involves a collaboration between the University of Luxembourg and Luxembourg Institute of Science and Technology, Luxembourg. The project, funded by the FNR, involved 2 PhD students and 1 PostDoc.
Role: Main applicant
Year: 2012
- **Name:** ACET – Architectural Coordination of Enterprise Transformations
Source: FNR, Luxembourg
Size: Awarded funding: 934 K€ This project involves a collaboration between the University of St. Gallen in Switzerland and Luxembourg Institute of Science and Technology, Luxembourg. The Luxembourg side of the project, funded by the FNR, involved 2 PhD students, 2 PostDocs and 1 Research Engineer for three years.
Role: Main applicant
Year: 2011

- **Name:** ASD – Agile Service Development
Source: Ministry of Economic Affairs, the Netherlands
Size: Awarded funding: 100 K€. This project was a follow up of the original ArchiMate project, and included next to LIST, Luxembourg, the following partners from the Netherlands: Be Informed, BiZZdesign, Everest, HU University of Applied Sciences Utrecht, IBM, Novay, O&i, PGGM, RuleManagement Group, Radboud University Nijmegen, TNO, Twente University, Utrecht University, and Voogd & Voogd. Funding was provided by the Dutch Government, and involved 1 PostDoc position at the LIST side for a year.
Role: Co-applicant
Year: 2010
- **Name:** ASINE – Architecture-based Service Innovation in Networked Enterprises
Source: FNR Luxembourg
Size: Awarded funding: 3300 K€ This is a PEARL project, involving 4 PhD students, 2 PostDocs, 2 Research Engineers, and 1 Research Manager for a five year period.
Role: Main applicant
Year: 2010
- **Name:** Strengthening ICT Training and Research Capacity in the Public Universities in Uganda
Source: Nuffic
Size: This project involves 30 PhD students, of which 15 were planned to obtain PhD's at Universities in the Netherlands.
Role: Co-applicant
Year: 2007
- **Name:** Building a Sustainable ICT Training Capacity in the Public Universities in Uganda
Source: Nuffic
Size: This project involved 6 PhD students and 28 MSc students, where all students did do their respective degrees in the Netherlands
Role: Co-applicant
Year: 2005
- **Name:** ArchiMate
Source: Dutch Ministry of Economic Affairs
Size: Consortium involving ABN-AMRO, ABP, CWI, Dutch Tax Office, Ordina, Leiden University, Radboud University and the Telematics Institute. The project ran for two years, and had an overall budget of 4500 K€.
Role: Initiator and co-applicant
Year: 2002
- **Name:** PRONIR – Profile based retrieval of networked information resources
Source: Netherlands Organisation for Scientific Research
Size: This project involved two PhD Students and a Scientific Programmer, and was a collaboration between the University of Tilburg and the Radboud University
Role: Main applicant
Year: 2001

- **Name:** Seeding Grant – Indexing Mechanisms for Information Discovery
- **Source:** Queensland University of Technology
- **Size:** AU\$ 7,000
- **Role:** Main applicant
- **Year:** 1996

9 Academic leadership

- 2016 – 2018, Head of Academic Affairs, Luxembourg Institute of Science and Technology, Luxembourg.
- 2017, assessment committee for a position as Associate professor, Norwegian University of Science and Technology (NTNU), Norway.
- 2014, assessment committee for a promotion to Associate Professor at the KTH (Royal Institute of Technology), Stockholm, Sweden.
- 2013, assessment committee of Research & Collaboration, University of Skövde, Skövde, Sweden.
- 2011, assessment committee for a promotion to Associate Professor at the KTH (Royal Institute of Technology), Stockholm, Sweden.
- 2010, assessment committee for a promotion to Senior Lecturer, at the Faculty of Engineering Sciences Ben-Gurion University of the Negev, Israel.
- 2009, assessment committee for a promotion to Full Professor at the KTH (Royal Institute of Technology), Stockholm, Sweden.
- 2007, member of the advisory board for the appointment of a Lecturer position within the Security of Systems group, Radboud University, Nijmegen, the Netherlands.
- 2004, member of the advisory board for the appointment of a Lecturer position within the Security of Systems group, Radboud University, Nijmegen, the Netherlands.
- 2004, member of the advisory board for the appointment of a Lecturer position within the Information Retrieval and Information Systems group, Radboud University, Nijmegen, the Netherlands.
- 2002, member of the advisory board for the appointment of an Associate Professor within the Information Retrieval and Information Systems group, Radboud University, Nijmegen, the Netherlands.
- 2002, member of the advisory board for the appointment of an Associate Professor within the Software Technology group, Radboud University, Nijmegen, the Netherlands.

10 Supervision of students

- More than forty Master Thesis projects as principal supervisor.
- More than five Bachelor Thesis as a principal supervisor.
- Primary supervisor for PhD Thesis:
 1. Y. Bobbert, *Improving the Maturity of Business Information Security*, 2018, Radboud University, Nijmegen, the Netherlands.

2. M. Bjeković, *Pragmatics of Enterprise Modelling Languages: A Framework for Understanding and Explaining*, 2018, Radboud University, Nijmegen, the Netherlands.
 3. G. Plataniotis, *EA Anamnesis - A Conceptual Framework for Enterprise Architecture Rationalization*, 2017, Radboud University, Nijmegen, the Netherlands.
 4. R. Ettema, *Using triangulation in Lean Six Sigma to explain quality problems – An enterprise engineering perspective*, 2016, Radboud University, Nijmegen, the Netherlands.
 5. H. Faller, *Organisational Subcultures and Enterprise Architecture Effectiveness: an Explanatory Theory*, 2016, Radboud University, Nijmegen, the Netherlands.
 6. D. van der Linden, *Personal semantics of meta-concepts in conceptual modelling languages*, 2015, Radboud University, Nijmegen, the Netherlands.
 7. F. Tulinayo, *Combining System Dynamics with a Domain Modelling Method*, 2014, Radboud University, Nijmegen, the Netherlands.
 8. R. Wagter, Ordina, *Enterprise Coherence*, 2013, Radboud University, Nijmegen, the Netherlands.
 9. D. Ssebugwawo, *Analysis and Evaluation of Modelling Processes*, 2012, Radboud University, Nijmegen, the Netherlands.
 10. A. Nakakawa, *A Collaborative Process for Enterprise Architecture Creation*, 2012, Radboud University, Nijmegen, the Netherlands.
 11. S. Overbeek, E-Office, *Bridging Supply and Demand for Knowledge Intensive Tasks*, 2009, Radboud University, Nijmegen, the Netherlands.
 12. J. Nabukenya, *Improving the Quality of Organisational Policy Making using Collaboration Engineering*, 2009, Radboud University, Nijmegen, the Netherlands.
 13. B. van Gils, *Aptness on the Web*, 2006, Radboud University, Nijmegen, the Netherlands.
 14. S.J.B.A. Hoppenbrouwers, *Freezing Language – Conceptualisation Processes across ICT-Supported Organisations*, 2004, Radboud University, Nijmegen, the Netherlands.
- Co-supervisor for PhD Thesis:
 1. M. Borgers, *Are Architecture Principles Effective*, 2021, University of Maastricht, Maastricht, the Netherlands
 2. I. Wilmont, *Cognitive Aspects of Conceptual Modelling*, 2020, Radboud University, Nijmegen, the Netherlands.
 3. M. Blaschke *Analysis and Design of Digital Value Co-creation Networks: Insights from Digital Platforms*, 2020, University of St. Gallen, St. Gallen, Switzerland.
 4. K. Leune, *Access Control and Service-Oriented Architectures*, 2007, Tilburg University, Tilburg, the Netherlands.
 - Associate-supervisor for PhD Thesis:
 1. A.P. Barros, *Conceptual Workflow Modelling*, University of Queensland, Brisbane, Australia, 1998.
 2. L.J. Bird-Campbell, *Data reverse engineering: From a relational database system to a three-dimensional conceptual schema*, University of Queensland, Brisbane, Australia, 1997.

11 Reviewing

11.1 General

- > 40 MSc. and Bsc. Thesis.

- > 15 PhD Thesis.
- Two Habilitation Thesis:
 - 2018, Dr. Robert Pergl, Technical University Prague, Czech Republic.
 - 2014, Dr. Stephan Aier, University of St. Gallen, Switzerland.
- Reviewer of project proposals to e.g. the Dutch Research Council, the Belgian Research Foundation, and the Natural Sciences and Engineering Research Council of Canada.

11.2 Conferences and workshops

Regular PC memberships of:

- 2019 – present, *VENMO – Value and Quality of Enterprise Modelling*
- 2018 – present, *Modellierung 2018*
- 2012 – present, *ECIS – European Conference on Information Systems* (ECIS)
- 2012 – present, *iWI – International Conference on Wirtschaftsinformatik*
- 2012 – present, *VMBO – Value Modelling and Business Ontology*
- 2012 – present, *EI2N – Enterprise Integration, Interoperability and Networking*
- 2011 – present, *BITA – Workshop on Business and IT Alignment*
- 2011 – present, *CBI – IEEE Conference on Business Informatics*
- 2011 – present, *EDOC – IEEE Enterprise Computing Conference*
- 2011 – present, *RCIS – International Conference on Research Challenges in Information Science*
- 2011 – present, *SoEA4EE – Workshop on Service oriented Enterprise Architecture for Enterprise Engineering*
- 2010 – present, *ER – International Conference on Conceptual Modelling*
- 2008 – present, *EEWC – Enterprise Engineering Working Conference (formerly CIAO! workshop)*
- 2008 – present, *EEWC-DC – EEWC Doctoral Consortium (formerly CIAO! Doctoral Consortium)*
- 2007 – present, *CAiSE – International Conference on Advanced Information Systems Engineering*
- 2007 – present, *EMISA – Enterprise Modelling and Information Systems Architectures workshop*
- 2006 – present, *EMMSAD – Exploring Modelling Methods in Systems Analysis and Design workshop*
- 2005 – present, *FBM – Fact-Based Modelling (formerly ORM workshop on Object-Role Modelling) workshop*
- 2008 – present, *PoEM – Practise of Enterprise Modelling working conference*

- 2006 – present, *TEAR – Workshop on Trends in Enterprise Architecture Research*
- 2012 – 2016, *BPMS2 – Workshop on Social and Human Aspects of Business Process Management*
- 2010 – 2014, *DESRIST – DEsign Science Research in Information Systems and Technology* conference
- 2009 – 2013, *PRET – Practice-driven Research on Enterprise Transformation* working conference
- 2000 – 2004, *The National Architecture Congres (Landelijk Architectuurcongres*
- 1999 – 2011, *ECDM – The Bi-Annual International Workshop on Evolution and Change in Data Management*

Further PC memberships include:

- 2021, *VORTE*
- 2019, *ICIST*
- 2019, *IDEA*
- 2019, *BPM – Business Process Management Conference*
- 2019, *S-BPM ONE*
- 2018, *BIR*
- 2016, *ES*
- 2015, *CoBI*
- 2015, *ES*
- 2015, *ICIST*
- 2015, *S-BPM ONE*
- 2014, *CoBI*
- 2014, *MKWI*
- 2014, *MCIS*
- 2014, *QMMQ*
- 2014, *WEETM*
- 2013, *AMINO workshop*
- 2013, *CAiSE conference, Doctoral Consortium*
- 2013, *CAIW*
- 2013, *MeDMoT*
- 2013, *YAWL*
- 2012, *EIS*
- 2012, *MCIS*

- 2012, *MeDMoT*
- 2012, *MGC*
- 2011, *EIS*
- 2011, *IEEE CloudCom*
- 2011, *ME*
- 2011, *SOCA*
- 2010, *CRIWG*
- 2010, *HICCS*
- 2010, *PEAM*
- 2009, *CAiSE conference, Doctoral Consortium*
- 2009, *LAP – Language Action Perspective working conference*
- 2008, *ECMD*
- 2008, *ISREP*
- 2008, *ReMoD*
- 2008, *SIGSAND-EUROPE*
- 2007, *PhiCoMo*
- 2007, *SME – IFIP WG8.1 Working Conference on Situational Method Engineering: Fundamentals and Experiences*
- 2006, *ACDM workshop*
- 2006, *ACDM*
- 2006, *IFIP International Conference on The past and future of Information Systems: 1976-2006*
- 2000, *ADL – International conference on Advances in Digital Libraries*

11.3 Journals

Numerous papers submitted to journals, such as:

- Business Information Systems Engineering (Wirtschaftsinformatik)
- Computer Journal
- Enterprise Information Systems
- Enterprise Modelling and Information Systems Architectures
- Data & Knowledge Engineering
- IEEE Transactions on Data & Knowledge Engineering
- Information Systems (Pergamon)

- Information Systems and e-Business Management
- International Journal of Cooperative Information Systems
- International Journal of Information System Modelling and Design
- International Journal on Concurrent Engineering Research and Applications.
- Journal of Interaction Science
- Journal of Strategic Information Systems
- Software and Systems Journal

12 Organising committee and editorships

12.1 Co-chairing of conferences and workshops

- 2022, industry co-chair of the *ER – International Conference on Conceptual Modeling*.
- 2021, co-chair of the: *EEWC – Enterprise Engineering Working Conference*.
- 2021, co-chair of the: *TEAR – Trends in Enterprise Architecture Research* workshop.
- 2021, general co-chair of the: *IEEE CBI – Conference on Business Informatics*.
- 2020, workshops co-chair of the: *CAiSE – Conference on advanced Information Systems Engineering*.
- 2020, General co-chair of the: *IEEE CBI – Conference on Business Informatics*.
- 2020, co-chair of the: *EEWC – Enterprise Engineering Working Conference*.
- 2019, workshops co-chair of the: *CAiSE – Conference on advanced Information Systems Engineering*.
- 2019, general chair of the: *PoEM - Practice of Enterprise Modelling* working conference.
- 2018, co-chair of a track at the *ECIS – European Conference on Information Systems*.
- 2018, programme committee co-chair of the: *CoopIS – Cooperative Information Systems* conference.
- 2018, programme committee co-chair of the: *IEEE CBI - Conference on Business Informatics*.
- 2018, co-chair of the: *EEWC – Enterprise Engineering Working Conference*.
- 2017, co-chair of the: *EEWC – Enterprise Engineering Working Conference*.
- 2015, co-chair of a track on enterprise transformation at the *ECIS – European Conference on Information Systems*.
- 2014, chair of the *EMMSAD – Exploring Modelling Methods for Systems Analysis and Design* working conference.
- 2014, programme committee co-chair of the: *IEEE CBI - Conference on Business Informatics*.
- 2013, chair of the *EMMSAD – Exploring Modelling Methods for Systems Analysis and Design* working conference.

- 2013, co-chair of a track on enterprise transformation at the *ECIS – European Conference on Information Systems*.
- 2013, co-chair of the *PRET – Working conference on Practice-driven Research on Enterprise Transformations*.
- 2012, chair of the *EMMSAD – Exploring Modelling Methods for Systems Analysis and Design* working conference.
- 2012, co-chair of a track on enterprise transformation at the *ECIS – European Conference on Information Systems*.
- 2012, co-chair of the *TEAR – Trends in Enterprise Architecture Research* workshop.
- 2011, chair of the *EMMSAD – Exploring Modelling Methods for Systems Analysis and Design* working conference.
- 2011, co-chair of the *PRET – Working conference on Practice-driven Research on Enterprise Transformations*.
- 2011, programme committee co-chair of the *CEC – Conference on Commerce and Enterprise Computing*.
- 2010, co-chair of the *CAiSE-Forum – Forum of the Conference on advanced Information Systems Engineering*.
- 2010, chair of the *EMMSAD – Exploring Modelling Methods for Systems Analysis and Design* working conference.
- 2010, general chair of the Enterprise Engineering Week, a week bringing together three events related to enterprise engineering: the PoEM working conference, PRET working conference and TEAR workshop.
- 2010, co-chair of a track on enterprise transformation at the *ECIS – European Conference on Information Systems*.
- 2010, co-chair of the *PRET – Working conference on Practice-driven Research on Enterprise Transformations*.
- 2010, chair of the *EMMSAD – Exploring Modelling Methods for Systems Analysis and Design* working conference.
- 2010, co-chair of the *TEAR – Trends in Enterprise Architecture Research* workshop.
- 2009, chair of the *EMMSAD – Exploring Modelling Methods for Systems Analysis and Design* working conference.
- 2009, co-chair of the *PRET – Working conference on Practice-driven Research on Enterprise Transformations*.
- 2008, chair of the *EMMSAD – Exploring Modelling Methods for Systems Analysis and Design* working conference.
- 2007, chair of the *EMMSAD – Exploring Modelling Methods for Systems Analysis and Design* working conference.
- 2006, chair of the *EMMSAD – Exploring Modelling Methods for Systems Analysis and Design* working conference.
- 2001, chairman of the: *The Ordina Round Table Conference on Knowledge Management for Flexible Project Teams*, Echteld, the Netherlands.

- 2001, organising committee member of the: *First Component Based Software Day*, CWI, Amsterdam, the Netherlands.
- 2000, chairman of the: *The OrdinaRound Table Conference on Business-ICT alignment*, Echteld, the Netherlands.

12.2 Steering & advisory committees

- 2015 – present, advisory committee member of the *EMMSAD – Exploring Modelling Methods for Systems Analysis and Design* working conference.
- 2011 – present, steering committee member of the *IEEE CBI – Conference on Business Informatics*.
- 2010 – present, steering committee member of the *TEAR – Trends in Enterprise Architecture Research* workshop.
- 2015 – present, advisory board member of the *EEWC – Enterprise Engineering Working Conference*.

12.3 Editorships

Associate Editor of:

- 2013 – present, International Journal on Multidisciplinary Approaches to Innovation (IJ-MAI).
- 2012 – present, Business Information Systems Engineering (Wirtschaftsinformatik) Journal.
- 2009 – present, International Journal of Information System Modelling and Design.
- 2006 – present, Enterprise Modelling and Information Systems Architectures (EMISA) Journal.
- 2001 – present, International Journal of Cooperative Information Systems, World Scientific.
- 2002 – 2013, Data & Knowledge Engineering, North-Holland/Elsevier-Science.
- 2006 – 2010, Via Nova Architectura, on-line journal, <http://www.via-nova-architectura.org>.

Editor of:

- 2008 – present, series (founding) co-editor in chief of Springer's *Enterprise Engineering* series.
- 2016 – 2019, Journal of Organisational Design & Enterprise Engineering (OD&EE).
- 2008, a special issue of Enterprise Modelling and Information Systems Architectures focussing on Enterprise Architecture.

13 Membership of professional organisations

- Association for Computing Machinery (ACM)
- Gesellschaft für Informatik (GI)
- Deutscher Hochschulverband (DHV)
- International Federation of Information Processing (IFIP) 8.1 working group.

14 Keynotes

- 2020, *Enterprise Systems Architectures – Essentials*, delivered at the *International Joint Conference on e-Business and Telecommunications (ICETE)*, Lisbon, Portugal.
- 2019, *Enterprise modelling in the digital age: Challenges and opportunities*, delivered at the *SoEA4EE workshop at the IEEE EDOC conference*, Paris, France.
- 2017, *Subject-oriented Modelling for Smart Systems*, delivered at the *S-BPM ONE*, Darmstadt, Germany.
- 2017, *Organisational Design & Enterprise Engineering: Two sides of the same coin?*, delivered at the *Innovations in Software Engineering Conference (ISEC)*, Jaipur, India.
- 2017, *Integrated Modelling Landscapes: What is realistic?*, delivered at the *Modelling Symposium (ModSym)*, Jaipur, India.
- 2015, *Model-enabled design in organisations*, delivered at the *INFORSID*, Biarritz, France.
- 2015, *Enterprise Engineering – Informed steering of enterprises in motion*, delivered at the *Annual Conference of the Associação Portuguesa de Sistemas de Informação (CAPSI)*, Lisbon, Portugal.
- 2014, *Understanding EE modelling-landscapes*, delivered at the *Business Modelling and Software Design (BMSD)*, Kirchberg, Luxembourg.
- 2014, *Enterprise Architecture and Process Improvement; How one may learn from the other*, delivered at the *EuroSPI*, Kirchberg, Luxembourg.
- 2013, *Enterprise Service Innovation*, delivered at the *International Conference on Enterprise Information Systems (ICEIS)*, Angers, France.
- 2012, *Enterprise Service Innovation*, delivered at the *IBM Big Data Analytics Day*, Frankfurt, Germany.
- 2012, *Enterprise Architecture – A guided tour between theory and practice*, delivered at the *Enterprise Architecture Symposium*, Stockholm, Sweden.
- 2012, *Engineering & Emergence in Enterprises – A story of 4 Es*, delivered at the *Enterprise Engineering Working Conference (EEWC)*, Kirchberg, Luxembourg.
- 2011, *Principles in an Enterprise Architecture Context*, delivered at the *The Open Group Conference*, Amsterdam, the Netherlands.
- 2010, *Architectures for Service Innovation*, delivered at the *The Open Group Conference*, Rome, Italy.
- 2009, *DEMO en Archimate*, delivered at the *EAM Congres*, Zeist, the Netherlands.
- 2009, *Clouds in an architecture perspective*, delivered at the *CIO Network*, Utrecht, the Netherlands.
- 2009, *Business Rules & Enterprise Modelling*, delivered at the *Business Rules Conference*, Utrecht, the Netherlands.
- 2008, *Quality in Model-driven*, delivered at the *VVSS*, Eindhoven, the Netherlands.
- 2006, *What is SoA?*, delivered at the *EuroForum 2006*, Utrecht, the Netherlands.
- 2004, *Informatiekunde; Exacte Vaagheid*, delivered at the *SIGCHI Dutch Chapter*, Utrecht, the Netherlands.

- 2003, *Sturen door Inzicht*, delivered at the *ICT Kenniscongres*, Den Haag, the Netherlands.
- 2002, *Should we stop acting like control freaks?*, delivered at the *Dutch Component Based Development workshop*, Den Haag, the Netherlands.
- 2001, *ActorWeb – Towards a deeper understanding of system architectures*, delivered at the *ICT Kenniscongres*, Den Haag, the Netherlands.

15 Taught courses & lectures

- **Title:** Enterprise Architecture
Period: 2018 – Present
Format: A 3ec course in a Master of Business Informatics
Organisation: TU Wien, Austria
- **Title:** Architecture and Business Strategy
Period: 2011 – Present
Format: A 3ec course in a Master in Information System Security Management
Organisation: University of Luxembourg, Luxembourg
- **Title:** Strategic Alignment and Business Modelling
Period: 2011 – Present
Format: A 3ec course in a Master in Informatics Methods Applied to Business Management
Organisation: University of Lorraine, France
- **Title:** Methods and Models for the Strategic Alignment of Business and IT
Period: 2018 – Present
Format: A 5ec course in a Master of Computer Science
Organisation: University of Namur, Belgium
- **Title:** Enterprise Architecture with ArchiMate & Friends
Period: 2019 – Present
Format: A two-day lecture in an Executive Master in Enterprise IT Architecture
Organisation: University of Antwerp, Belgium
- **Title:** Introduction to Enterprise Architecture
Period: 2011 – Present
Format: A one day lecture block in a Master on Information Management
Organisation: TiasNimbas Business School, the Netherlands
- **Title:** Enterprise Architecture Frameworks
Period: 2011 – 2019
Format: A one-day lecture in an Executive Master in Enterprise IT Architecture
Organisation: University of Antwerp, Belgium
- **Title:** Enterprise Architecture
Period: 2011 – 2014
Format: A two day lecture block in a Master on IT Governance
Organisation: Luxembourg Institute of Science and Technology, Luxembourg, Luxembourg
- **Title:** Business Service Innovation
Period: 2014 – 2016
Format: A quarter course in a Master of Business Informatics
Organisation: Radboud University, Nijmegen, the Netherlands, Luxembourg

- **Title:** Digital Enterprise Engineering
Period: 2014
Format: A two day PhD Course on Digital Enterprise Engineering
Organisation: University of Jyväskylä, Helsinki, Finland
- **Title:** Enterprise Architecture and Service Innovation
Period: 2012 – 2014
Format: A two day lecture block in a Master on IT and Innovation
Organisation: TU Wien, Austria
- **Title:** Architecture Principles and IT Governance
Period: Spring 2013
Format: A one day lecture block in an Executive Master on Enterprise Architecture
Organisation: TiasNimbas Business School, The Netherlands
- **Title:** Overview of TOGAF
Period: Spring 2010
Format: Two day workshop
Organisation: Capgemini, Utrecht, the Netherlands
- **Title:** TOGAF 9
Period: Fall 2009, Spring 2010
Format: Four course
Organisation: Capgemini, Utrecht, the Netherlands
- **Title:** ArchiMate
Period: Summer 2009, Fall 2009, Spring 2010
Format: Two day course
Organisation: Capgemini, Utrecht, the Netherlands
- **Title:** TOGAF 8
Period: Fall 2008, Summer 2009
Format: Four course
Organisation: Capgemini, Utrecht, the Netherlands
- **Title:** Information Architecture
Period: Fall 2009
Format: Series of eight lectures
Organisation: Radboud University, Nijmegen, the Netherlands
- **Title:** Business Rules
Period: 2007 – 2009
Format: Series of sixteen lectures
Organisation: Radboud University, Nijmegen, the Netherlands
- **Title:** Business Architecture
Period: Spring 2008, Spring 2009
Format: Three half-a day lecture blocks in an Executive Master on Enterprise Architecture: “*Master of Architecture in the Digital World*”
Organisation: A collaboration between:
 1. ABK, Radboud University, Nijmegen, the Netherlands
 2. ICIS, Radboud University, Nijmegen, the Netherlands
 3. Capgemini, Utrecht, the Netherlands

- **Title:** Introduction to Enterprise Architecture
Period: Spring 2005, Spring 2006, Fall 2007, Fall 2008
Format: Four half-a-day lecture blocks in an Executive Master on Enterprise Architecture “*Master of Architecture in the Digital World*”
Organisation: A collaboration between:

 1. ABK, Radboud University, Nijmegen, the Netherlands
 2. ICIS, Radboud University, Nijmegen, the Netherlands
 3. Capgemini, Utrecht, the Netherlands

- **Title:** Introduction to Enterprise Architecture
Period: Fall 2006, Fall 2007, Fall 2008
Format: Series of sixteen lectures
Organisation: Radboud University, Nijmegen, the Netherlands

- **Title:** Enterprise Modelling
Period: Spring 2004, 2005, 2006, 2007, 2008
Format: Series of sixteen lectures as part of a Bachelor of Information Systems
Organisation: Radboud University, Nijmegen, the Netherlands

- **Title:** System Theory – Structure & Coordination
Period: Spring 2004, 2005
Format: Series of eight lectures
Organisation: Radboud University, Nijmegen, the Netherlands

- **Title:** System Theory – Definition & Design
Period: Spring 2005
Format: Series of eight lectures
Organisation: Radboud University, Nijmegen, the Netherlands

- **Title:** Data & Information Modelling
Period: September 2002, 2003
Format: Two week course, of eight full-days
Organisation: Uganda Martyrs University, Nkozi, Uganda

- **Title:** Domain Modelling
Period: 2002
Format: Two day course
Organisation: Akzo Nobel, Arnhem, The Netherlands

- **Title:** Architecture of Information Systems 1
Period: Fall 2002
Format: Series of 12 lectures
Organisation: Radboud University, Nijmegen, the Netherlands

- **Title:** Architecture & Alignment
Period: Spring 2002, 2003
Format: Series of 12 lectures
Organisation: Radboud University, Nijmegen, the Netherlands

- **Title:** Software Engineering – 4
Period: Fall 2001
Format: Series of 12 lectures
Organisation: Radboud University, Nijmegen, the Netherlands

- **Title:** Masterclass KM
Period: Fall 2001, Spring 2002, Fall 2002, Spring 2003, Fall 2003
Format: Two full day modules
Organisation: Pro-Education, University of Professional Education, Amsterdam, The Netherlands
- **Title:** Introduction to Component-based Development and Application Architectures
Period: Summer 2000
Format: Two hours lecture
Organisation: Ordina Telecom, Bilthoven, The Netherlands
- **Title:** An architectural perspective on knowledge management
Period: Spring 2000
Format: One day course. Part of a Master of Knowledge Management curriculum.
Organisation: TIAS, University of Tilburg, Tilburg, The Netherlands
- **Title:** Project Start-Architecture - Technical annex for system development contracts
Period: Spring 2000
Format: Four course
Organisation: Dutch Taxation Office, The Netherlands
- **Title:** Component based development & Application architecture
Period: Spring 1999
Format: Series of 6 lectures
Organisation: University of Tilburg, Tilburg, The Netherlands
- **Title:** Introduction to knowledge discovery
Period: Fall 1998 and Spring 1999
Format: Half-a-day course
Organisation: Ordina Public, Zoetermeer, The Netherlands
- **Title:** An architectural perspective on knowledge management
Period: Fall 1998, Spring 1999, Fall 1999, Spring 2000
Format: Half-a-day course. Part of a two day course on knowledge management
Organisation: PAO-Informatica, The Netherlands
- **Title:** Application development under architecture
Period: Fall 1997 and Spring 1998
Format: Two day course
Organisation: ISES International, The Netherlands
- **Title:** Information & knowledge representation
Period: February 1997 to May 1997
Format: Series of 12 lectures
Organisation: Queensland University of Technology, Brisbane, Australia
- **Title:** Database design
Period: February 1996 to June 1996
Format: Series of 12 lectures
Organisation: Queensland University of Technology, Brisbane, Australia
- **Title:** File structures
Period: August 1995 to December 1995 and August 1996 to December 1996
Format: Series of 12 lectures
Organisation: Queensland University of Technology, Brisbane, Australia

- **Title:** Database design & Conceptual modelling 2
Period: August 1995 to December 1995
Format: Series of 12 lectures
Organisation: University of Queensland, Brisbane, Australia
- **Title:** Database design & Conceptual modelling 1
Period: February 1995 to May 1995
Format: Series of 12 lectures
Organisation: University of Queensland, Brisbane, Australia
- **Title:** Evolving information systems
Period: Spring 1993 and 1994
Format: Guest lecture
Organisation: Radboud University, Nijmegen, the Netherlands
- **Title:** System development methods
Period: Fall 1992 and 1993
Format: Series of 6 lectures
Organisation: HAN University, Arnhem, the Netherlands
- **Title:** CASE Tools
Period: Fall 1992 and 1993
Format: Series of 6 lectures
Organisation: HAN University, Arnhem, the Netherlands

16 Invited lectures

- 2021, *Informed Governance of Enterprise Transformations*, guest lecture at the *EA Debt Student Workshop*, Frankfurt University of Applied Sciences, Frankfurt, Germany.
- 2020, *Domain Modelling – Understanding the things we talk about*, guest lecture at the *CSE Distinguished Seminar Series*, TU Lisbon, Portugal.
- 2020, *Domain Modelling – Understanding the things we talk about*, guest lecture at the *LISTen up! webinar*, Luxembourg Institute of Science and Technology, Belval, Luxembourg.
- 2020, *Enterprise Systems Architectures – Essentials*, guest lecture at the *LISTen up! webinar*, Luxembourg Institute of Science and Technology, Belval, Luxembourg.
- 2019, *Grounded Enterprise Modelling*, guest lecture at the *NEMO Summer School*, Vienna University, Austria.
- 2019, *Fundamental challenges in systems modelling*, guest lecture at the *University of St. Gallen*, Switzerland.
- 2018, *Towards grounded enterprise modelling*, guest lecture at the *University of Bozen/Bolzano*, Italy.
- 2018, *Grounded Enterprise Modelling*, guest lecture at the *NEMO Summer School*, Vienna University, Austria.
- 2017, *Grounded Enterprise Modelling*, guest lecture at the *NEMO Summer School*, Vienna University, Austria.
- 2017, *Enterprise Engineering – Scope & Challenges*, guest lecture at the *Higer School of Economics*, Nizhny Novgorod, Russia.

- 2017, *EA in 60 minutes*, guest lecture at the *Allianz*, München, Germany.
- 2015, *SmartChange for Organisations in Motion*, guest lecture at the *Utrecht University*, Utrecht, the Netherlands.
- 2015, *Model-enabled design in organisations*, guest lecture at the *National University of Singapore*, Singapore.
- 2014, *Informed steering of enterprises in motion*, guest lecture at the *CNAM*, Paris, France.
- 2014, *Enterprise Architecture – Informed steering of enterprises in motion*, guest lecture at the *University of Jyväskylä*, Helsinki, Finland.
- 2012, *Architecture-based Service Innovation*, guest lecture at the *Queensland University of Technology*, Brisbane, Australia.
- 2011, *Enterprise Architecture: A means for Informed Governance of Enterprise Transformations*, guest lecture at the *BGL*, Kirchberg, Luxembourg.
- 2011, *Architecture Principles – The Cornerstone of Enterprise Architecture*, guest lecture at the *Capgemini*, Utrecht, the Netherlands.
- 2011, *Architecture Modelling: Why, What, How*, guest lecture at the *SAP Netherlands*, Den Bosch, the Netherlands.
- 2011, *Architecture Modelling: Why, What, How*, guest lecture at the *Club Urba*, Paris, France.
- 2010, *Enterprise Architecture – Creating value by informed governance*, guest lecture at the *IDC*, Lisbon, Portugal.
- 2010, *Architecture-based Service Innovation in Networked Enterprises*, guest lecture at the *Karlsruhe Institute of Technology (KIT)*, Karlsruhe, Germany.
- 2009, *Information Architecture*, guest lecture at the *HAN University of Applied Sciences*, Arnhem, the Netherlands.
- 2009, *Enterprise Architecture – A guided tour between theory and practice*, guest lecture at the *Ahold*, Amsterdam, the Netherlands.
- 2009, *Architectuur in de Digitale Wereld*, guest lecture at the *HU University of Applied Sciences*, Utrecht, the Netherlands.
- 2009, *Architecture as a means for Informed Governance*, guest lecture at the *NAF Insights*, Zeist, the Netherlands.
- 2008, *Business rules & architecture principles: Common roots; yet differing roles*, guest lecture at the *Radboud University*, Nijmegen, the Netherlands, Caput College.
- 2005, *The act of modeling: Context and understanding*, guest lecture at the *University of Duisburg-Essen*, Duisburg, Germany.
- 2004, *Domain Modelling – Anchoring semantics in information systems engineering*, guest lecture at the *SIKS Doctoral School*, Vught, the Netherlands.
- 2003, *Architecture-driven System Development – A system theory perspective*, guest lecture at the *SIKS Doctoral School*, Vught, the Netherlands.

17 Leadership in teaching

- 2008 – present, member of the Advisory Board of the Master of Informatics, HU University of Applied Science, Utrecht, the Netherlands.
- 2011, chair of an accreditation committee of the Dutch/Flemish Accreditation Organisation (NVAO), pertaining to an Executive Master on Information Management, TiasNimbas Management School.
- 2011, chair of an accreditation committee of the Dutch/Flemish Accreditation Organisation (NVAO), pertaining to a Master program on Public Information Management of the Erasmus Universiteit, the Netherlands.
- 2010, chair of an accreditation committee of the Dutch/Flemish Accreditation Organisation (NVAO), pertaining to a BSc program on Information Technology, of the Open University, the Netherlands.
- 2010, chair of an accreditation committee of the Dutch/Flemish Accreditation Organisation (NVAO), pertaining to an MSc program on IT Governance of the Open University, the Netherlands.
- 2009, member of an accreditation committee of the Dutch/Flemish Accreditation Organisation (NVAO), pertaining to an MSc program on Enterprise IT Architecture from Inno.com in Belgium⁹.
- 2004 – 2008, program coordinator, Master of Architecture in the Digital World (part time program), Consortium of Radboud University, Nijmegen, the Netherlands and Capgemini, Utrecht, the Netherlands.
- 2002 – 2007, theme leader of the Architecture-driven System Development research focus of the post-graduate school: *Research School for Information and Knowledge Systems (SIKS)*.
- 2004 – 2007, member of Teaching Committee (Onderwijscommissie) of the NIII, Radboud University, Nijmegen, the Netherlands.
- 2007, leader of the PR revitalisation committee, aimed at the revitalisation of PR activities towards high schools in order to attract more students, NIII, Radboud University, Nijmegen, the Netherlands.
- 2002 – 2003, leader of the curriculum development team for the Business Informatics MSc. and BSc. Program (Curriculum 2003) at Radboud University, Nijmegen, the Netherlands.
In its first accreditation (2007), this program was evaluated as the best among three public Universities in the Netherlands offering such programmes.
- 2002 – 2004, program coordinator, Information Science Program, Radboud University, Nijmegen, the Netherlands.
- 2002, member of the Information Technology curriculum advisory board for the Hogeschool van Amsterdam/Brabant, Amsterdam, the Netherlands.

18 Industrial leadership

- 2021 – Present, member of the Academic Advisory Board of the Business Architecture Guild.
- 2008 – 2012, vice-chair of the ArchiMate forum of the The Open Group.

- 2009 – 2012, member of the Business Architecture Certification working group, The Open Group.
- 2007 – 2012, member of the advisory committee of Ordina’s GEA (Generic Enterprise Architecting) Innovation Platform.
- 2008 – 2012, vice-chair of the ArchiMate forum of The Open Group.
- 2002 – 2003, 2007 – 2010, Co-founder and board member of Netherlands Architecture Forum (NAF).
- 2010 – 2010, Architecture label-leader, Capgemini Academy, Utrecht, the Netherlands.
- 2008 – 2010, leader of the Architecture Service-Line, Capgemini, Utrecht, the Netherlands.
- 2002 – 2003, 2007 – 2010, co-founder and board member of the Netherlands Architecture Forum (NAF).
- 2009, Leader of the Architecture Expert Group within Financial Services, Capgemini, Utrecht, the Netherlands.
- 2007 – 2008, Co-founder, board member and treasurer of the ArchiMate foundation.

19 Publications

19.1 Books

1. H. A. Proper, R. Winter, S. Aier, and S. de Kinderen, editors. *Architectural Coordination of Enterprise Transformation*. The Enterprise Engineering Series. Springer, Heidelberg, Germany, 2018. ISBN: 978-3-319-69583-9
doi:10.1007/978-3-319-69584-6
2. M. M. Lankhorst, W. P. M. Janssen, H. A. Proper, M. W. A. Steen, M. M. Zoet, W. A. Molnar, M.-E. Iacob, H. Jonkers, W. Engelsman, J. Versendaal, L. G. J. Debije, K. Gaaloul, A. Schrier, A. W. Heerink, S. J. B. A. Hoppenbrouwers, W. van Stokkum, I. Wilmont, and D. J. T. van der Linden. *Agile Service Development: Combining Adaptive Methods and Flexible Solutions*. The Enterprise Engineering Series. Springer, Heidelberg, Germany, 2012. ISBN: 978-3-642-28187-7
3. M.M Lankhorst, S.J.B.A. Hoppenbrouwers, H. Jonkers, H. A. Proper, L. van der Torre, F. Arbab, F. S. de Boer, M. Bonsangue, M.-E. Iacob, A. W. Stam, L. Groenewegen, R. van Buuren, R. J. Slagter, J. Campschoer, M. W. A. Steen, S. F. Bekius, H. Bosma, M. J. Cuvelier, H. W. L. ter Doest, P. A. T. van Eck, P. Fennema, J. Jacob, W.P.M. Janssen, Jonkers, H., D. Krukkert, D. van Leeuwen, P.G.M. Penders, G.E. Veldhuijzen van Zanten, and R. J. Wieringa. *Enterprise Architecture at Work – Modelling, Communication and Analysis*. The Enterprise Engineering Series. Springer, Heidelberg, Germany, 3rd edition, 2012. ISBN: 978-3-642-29650-5
4. D. Greefhorst and H. A. Proper. *Architecture Principles - The Cornerstones of Enterprise Architecture*. The Enterprise Engineering Series. Springer, Heidelberg, Germany, 2011. ISBN: 978-3-642-20278-0
doi:10.1007/978-3-642-20279-7
5. R. J. Wieringa, P. van Eck, C. Steghuis, and H. A. Proper. *Competences of IT Architects*. Academic Service – SDU, The Hague, Netherlands, 2008. ISBN: 978-9-012-58087-8

6. M. Op 't Land, H. A. Proper, M. Waage, J. Cloo, and C. Steghuis. *Enterprise Architecture - Creating Value by Informed Governance*. The Enterprise Engineering Series. Springer, Heidelberg, Germany, 2008. ISBN: 978-3-540-85231-5
doi:10.1007/978-3-540-85232-2
7. M. M. Lankhorst, S. J. B. A. Hoppenbrouwers, H. Jonkers, H. A. Proper, L. van der Torre, F. Arbab, F. S. de Boer, M. M. Bonsangue, M.-E. Iacob, A. W. Stam, L. Groenewegen, R. van Buuren, R. J. Slagter, J. Campschroer, M. W. A. Steen, S. F. Bekius, H. Bosma, M. J. Cuvelier, H. W. L. ter Doest, P. A. T. van Eck, P. Fennema, J. Jacob, W. P. M. Janssen, Jonkers, H., D. Krukkert, D. van Leeuwen, P. G. M. Penders, G.E. Veldhuijzen van Zanten, and R. J. Wieringa. *Enterprise Architecture at Work – Modelling, Communication and Analysis*. Springer, Heidelberg, Germany, 2005. ISBN: 3-540-24371-2
8. H. A. Proper. *Informatiekunde; Exacte vaagheid*. Nijmegen Institute for Information and Computing Sciences, University of Nijmegen, Nijmegen, the Netherlands, November 2003. In Dutch. ISBN: 9-090-17286-6
9. H. A. Proper. *ISP for Large-scale Migrations*. Information Services Procurement Library. Ten Hagen & Stam, Den Haag, the Netherlands, 2001. ISBN: 9-076-30488-2
10. H. A. Proper. *A Theory for Conceptual Modelling of Evolving Application Domains*. PhD thesis, University of Nijmegen, Nijmegen, the Netherlands, 1994. ISBN: 9-090-06849-X

19.2 Edited Books

1. H. A. Proper and J. Stirna, editors. *Advanced Information Systems Engineering Workshops - CAiSE 2019 International Workshops, Rome, Italy, June 3-7, 2019, Proceedings*, volume 349 of *Lecture Notes in Business Information Processing*. Springer, 2019. ISBN: 978-3-030-20947-6
doi:10.1007/978-3-030-20948-3
2. J. Gordijn and H. A. Proper, editors. *Proceedings of the 12th International Workshop on Value Modeling and Business Ontologies, VMBO 2018, Amsterdam, The Netherlands, February 26th - 27th, 2018*, volume 2239 of *CEUR Workshop Proceedings*. CEUR-WS.org, 2018.
<http://ceur-ws.org/Vol-2239>
3. H. Panetto, C. Debruyne, H. A. Proper, C. Agostino Ardagna, D. Roman, and R. Meersman, editors. *On the Move to Meaningful Internet Systems. OTM 2018 Conferences - Confederated International Conferences: CoopIS, C C&TC,TC, and ODBASE 2018, Valletta, Malta, October 22-26, 2018, Proceedings, Part II*, volume 11230 of *Lecture Notes in Computer Science*. Springer, Heidelberg, Germany, 2018. ISBN: 978-3-030-02670-7
doi:10.1007/978-3-030-02671-4
4. H. Panetto, C. Debruyne, H. A. Proper, C. Agostino Ardagna, D. Roman, and R. Meersman, editors. *On the Move to Meaningful Internet Systems. OTM 2018 Conferences - Confederated International Conferences: CoopIS, C C&TC,TC, and ODBASE 2018, Valletta, Malta, October 22-26, 2018, Proceedings, Part I*, volume 11229 of *Lecture Notes in Computer Science*. Springer, Heidelberg, Germany, 2018. ISBN: 978-3-030-02609-7
doi:10.1007/978-3-030-02610-3
5. H. A. Proper, S. Strecker, C. Huemer, C. Feltus, W. Guédria, I. S. Razo-Zapata, M. Bricni, D. Rozier, M. M. Komarov, S. V. Maltseva, and S. Guerreiro, editors. *20th IEEE Conference on Business Informatics, CBI 2018, Vienna, Austria, July 11-14, 2018, Volume 2 - Research-in-Progress Papers and Workshops*. IEEE Computer Society, 2018.
<http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=8451902>

6. H. A. Proper, S. Strecker, and C. Huemer, editors. *20th IEEE Conference on Business Informatics, CBI 2018, Vienna, Austria, July 11-14, 2018, Volume 1 - Research Papers*. IEEE Computer Society, 2018. ISBN: 978-1-5386-7016-3
7. W. A. Molnar, H.A. Proper, J. Zdravkovic, P. Loucopoulos, O. Pastor, and S. Kinderen de, editors. *Proceedings of the 8th Transformation & Engineering of Enterprises workshop (TEE 2014), held in conjunction with the 16th IEEE Conference on Business Informatics (CBI 2014), Geneva, Switzerland*. CEUR-WS.org, 2014.
<http://ceur-ws.org/Vol-1182/>
8. I. Bider, K. Gaaloul, J. Krogstie, S. Nurcan, H. A. Proper, R. Schmidt, and P. Soffer, editors. *Enterprise, Business-Process and Information Systems Modeling - 15th International Conference, BPMDS 2014, 19th International Conference, EMMSAD 2014, Held at CAiSE 2014, Thessaloniki, Greece, June 16-17, 2014. Proceedings*, Lecture Notes in Business Information Processing. Springer, Heidelberg, Germany, 2014. ISBN: 978-3-662-43744-5
[doi:10.1007/978-3-662-43745-2](https://doi.org/10.1007/978-3-662-43745-2)
9. H. A. Proper and J. Ralyté, editors. *IEEE 16th Conference on Business Informatics, CBI 2014, Geneva, Switzerland, July 14-17, 2014 - Volume 1*. IEEE Computer Society Press, Los Alamitos, California, 2014. ISBN: 978-1-4799-5778-1
<http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6902665>
10. D. Aveiro, M Bjeković, A. Caetano, A. Fleischmann, L. Heuser, S. de Kinderen, M. M. Komarov, Y. Koucheryavy, S. V. Maltseva, W. Molnar, A. Oberweis, H. A. Proper, M. Rappa, W. Schmidt, F. Schönthaler, J. Sottet, C. Stary, and G. Vossen, editors. *Proceedings of the 16th IEEE Conference on Business Informatics (CBI 2014), Geneva, Switzerland, Volume 2*. IEEE Computer Society Press, Los Alamitos, California, 2014. ISBN: 978-1-4799-5779-8
11. A. F. Harmsen and H. A. Proper, editors. *Practice-Driven Research on Enterprise Transformation - 6th Working Conference, PRET 2013, Utrecht, The Netherlands, June 6, 2013. Proceedings*, volume 151 of *Lecture Notes in Business Information Processing*, Utrecht, the Netherlands, June 2013. Springer, Heidelberg, Germany. ISBN: 978-3-642-38773-9
[doi:10.1007/978-3-642-38774-6](https://doi.org/10.1007/978-3-642-38774-6)
12. S. Nurcan, H. A. Proper, P. Soffer, J. Krogstie, R. Schmidt, T. A. Halpin, and I. Bider, editors. *Enterprise, Business-Process and Information Systems Modeling - 14th International Conference, BPMDS 2013, 18th International Conference, EMMSAD 2013, Held at CAiSE 2013, Valencia, Spain, June 17-18, 2013. Proceedings*, volume 147 of *Lecture Notes in Business Information Processing*. Springer, Heidelberg, Germany, June 2013. ISBN: 978-3-642-38483-7
[doi:10.1007/978-3-642-38484-4](https://doi.org/10.1007/978-3-642-38484-4)
13. H. A. Proper, D. Aveiro, and K. Gaaloul, editors. *Advances in Enterprise Engineering VII - Third Enterprise Engineering Working Conference, EEWC 2013, Luxembourg, May 13-14, 2013. Proceedings*, volume 146 of *Lecture Notes in Business Information Processing*. Springer, Heidelberg, Germany, May 2013. ISBN: 978-3-642-38116-4
[doi:10.1007/978-3-642-38117-1](https://doi.org/10.1007/978-3-642-38117-1)
14. R. Deneckère and H. A. Proper, editors. *Proceedings of the CAiSE'13 Forum at the 25th International Conference on Advanced Information Systems Engineering (CAiSE), Valencia, Spain, June 20th, 2013*, volume 998 of *CEUR Workshop Proceedings*. CEUR-WS.org, 2013.
<http://ceur-ws.org/Vol-998>
15. H. A. Proper, A. F. Harmsen, K. Gaaloul, and S. Wrycza, editors. *Practice-Driven Research on Enterprise Transformation - 4th Working Conference, PRET 2012, Gdańsk, Poland, June 27, 2012. Proceedings*, volume 120 of *Lecture Notes in Business Information Processing*, Gdansk, Poland, June 2012. Springer, Heidelberg, Germany. ISBN: 978-3-642-31133-8
[doi:10.1007/978-3-642-31134-5](https://doi.org/10.1007/978-3-642-31134-5)

16. S. Aier, M. Ekstedt, F. Matthes, H. A. Proper, and J. Sanz, editors. *Trends in Enterprise Architecture Research and Practice-Driven Research on Enterprise Transformation - 7th Workshop, TEAR 2012, and 5th Working Conference, PRET 2012, Held at The Open Group Conference 2012, Barcelona, Spain, October 23-24, 2012. Proceedings*, volume 131 of *Lecture Notes in Business Information Processing*. Springer, Heidelberg, Germany, October 2012. ISBN: 978-3-642-34162-5
doi:10.1007/978-3-642-34163-2
17. I. Bider, T. A. Halpin, J. Krogstie, S. Nurcan, H. A. Proper, R. Schmidt, P. Soffer, and S. Wrycza, editors. *Enterprise, Business-Process and Information Systems Modeling - 13th International Conference, BPMDS 2012, 17th International Conference, EMMSAD 2012, and 5th EuroSymposium, held at CAiSE 2012, Gdańsk, Poland, June 25-26, 2012. Proceedings*, volume 113 of *Lecture Notes in Business Information Processing*. Springer, Heidelberg, Germany, June 2012. ISBN: 978-3-642-31071-3
doi:10.1007/978-3-642-31072-0
18. A. F. Harmsen, K. Grahlmann, and H. A. Proper, editors. *Practice-Driven Research on Enterprise Transformation - Third Working Conference, PRET 2011, Luxembourg-Kirchberg, Luxembourg, September 6, 2011. Proceedings*, volume 89 of *Lecture Notes in Business Information Processing*, Delft, the Netherlands, September 2011. Springer, Heidelberg, Germany. ISBN: 978-3-642-23387-6
doi:10.1007/978-3-642-23388-3
19. I. Bider, T. A. Halpin, J. Krogstie, S. Nurcan, H. A. Proper, R. Schmidt, and R. Ukor, editors. *Enterprise, Business-Process and Information Systems Modeling - 12th International Conference, BPMDS 2011, and 16th International Conference, EMMSAD 2011, held at CAiSE 2011, London, UK, June 20-21, 2011. Proceedings*, volume 81 of *Lecture Notes in Business Information Processing*, Hammamet, Tunisia, June 2011. Springer, Heidelberg, Germany. ISBN: 978-3-642-21758-6
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