

# CURRICULUM VITAE 2018

## Johan van Benthem

Personal	Personalia, Education, Academic employment, Administrative functions, Awards and honors, Milestones
Publications	Books, Edited books, Articles in journals, Articles in books, Articles in conference proceedings, Reviews, General audience publications
Lectures	Invited lectures at conferences and workshops, Seminar presentations, Talks for general audiences
Editorial	Editorial activities
Teaching & supervision	Regular courses, Incidental courses, Lecture notes, Master's theses, Dissertations
Organization	Research projects and grants, Events organized, Academic organization

## Personal

### 1 Personalia

name	Johannes Franciscus Abraham Karel van Benthem
business address	Institute for Logic, Language and Computation (ILLC), University of Amsterdam, P.O. Box 94242, 1090 GE AMSTERDAM, The Netherlands
office phone	+31 20 525 6051
email	<a href="mailto:joan.vanbenthem@uva.nl">joan.vanbenthem@uva.nl</a>
homepage	<a href="http://staff.fnwi.uva.nl/j.vanbenthem">http://staff.fnwi.uva.nl/j.vanbenthem</a>
spring quarter	Department of Philosophy, Stanford University, Stanford, CA 94305, USA
office phone	+1 650 723 2547
email	<a href="mailto:joan@stanford.edu">joan@stanford.edu</a>
birth date	12 June 1949
nationality	Netherlands

**Main research interests** General logic, in particular, model theory and modal logic (correspondence theory, temporal logic, dynamic, epistemic logic, fixed-point logics). Applications of logic to philosophy, linguistics, computer science, social sciences, and cognitive science (generalized quantifiers, categorial grammar, process logics, information structure, update, games, social agency, epistemology, logic & methodology of science).

### 2 Education

secondary education	's-Gravenhaags Christelijk Gymnasium staatsexamen gymnasium alpha, 9 july 1966 eindexamen gymnasium beta, 9 june 1967
university education	Universiteit van Amsterdam candidate of Physics (N2), 9 july 1969 candidate of Mathematics (W1), 11 november 1970 master's degree Philosophy, 25 october 1972 master's degree Mathematics, 14 march 1973 All these exams obtained the predicate <i>cum laude</i>
Ph.D. degree dissertation	Universiteit van Amsterdam, Mathematics, 2 febr 1977 Modal Correspondence Theory
promotor	M. H. Löb (Amsterdam)
coreferent	S. K. Thomason (Vancouver)

### 3 Academic employment

#### Permanent positions

1 sept 1971 – 1 nov 1972

Candidaatsassistent, Instituut voor Grondslagenonderzoek, Universiteit van Amsterdam

1 nov 1972 – 1 aug 1977

Assistant professor Philosophical Logic, Centrale Interfaculteit, Universiteit van Amsterdam

1 aug 1977 – 1 jan 1980

Associate professor Symbolic Logic, Filosofisch & Mathematisch Instituut,  
Rijksuniversiteit Groningen

1 jan 1980 – 1 jan 1986

Full professor Symbolic Logic, Filosofisch & Mathematisch Instituut,  
Rijksuniversiteit Groningen

1 jan 1986 – 1 sept 2003

Full professor Mathematical Logic and its Applications, Mathematics & Informatics,  
Universiteit van Amsterdam

1 jun 1992 – present

Senior researcher, Center for the Study of Language and Information (CSLI),  
Stanford University

1 sept 2003 – 2014

University professor, Logic, Universiteit van Amsterdam

1 sept 2005 – present

Tenured full professor, Philosophy, Stanford University

#### Visiting positions

mar – jul 1982

Research associate, Center for Advanced Study in the Behavioral Sciences, Stanford

sept – dec 1983

Visiting professor, Mathematics and Philosophy, Simon Fraser University, Vancouver

jan – jul 1984

Visiting professor, Department of Philosophy, Stanford University

spring quarters 1991 – 2005

Bonsall visiting chair, School of Humanities, Department of Philosophy, Stanford University

sept 2006

Visiting fellow, NIAS (Netherlands Institute for Advanced Studies), Wassenaar

jan 2005 – 2011

Honorary Visiting Professor, Logic and Cognition, Soon Yat-sen University, Guangzhou

oct 2008 – 2009

Weilun Professor of Humanities, Tsinghua University

dec 2008 – 2012

Visiting Professor and External Advisor, JAIST, Japan Advanced Institute  
of Science and Technology

2010 – 2012

Distinguished Foreign Expert, School of Humanities, Tsinghua University Beijing.

2013 – 2016

Changjiang National Professor, Department of philosophy, Tsinghua University Beijing

2017

Jin Yue-lin Chaired Professor, Tsinghua University Beijing

## 4 Administrative Functions (selection)

### University

- 1974 – 1975 Chair, Department of Philosophy, University of Amsterdam
- 1979 – 1981 Chair, Department of Philosophy, University of Groningen
- 1986 – 1991 Director, Institute for Language, Logic and Information
- 1987 – 1989 Chair, Mathematics and Computer Science, University of Amsterdam
- 1991 – 1998 Founding Director, Institute of Logic, Language and Computation (ILLC), University of Amsterdam
- 1998 – 2001 Chair Oversight Committee, Amsterdam Centre Computational Science

### National

- 1976 – 1982 President, Dutch Association for Logic & Philosophy of Science
- 1988 – 1991 Chair, Nederlands Netwerk voor Taal, Logica & Informatie
- 1992 – 1993 Director, Dutch National Graduate School in Logic
- 2001 – 2004 Chair, National Cognitive Science Program
- 1999 – 2014 President, Vienna Circle Archive
- 2001 – 2012 Treasurer, Beth Foundation
- 2006 – 2009 Member Cognitive Science Committee KNAW
- 2006 – 2009 Chair, Research Committee Talentenkraft
- 2013 – 2015 Member Curatorium, Internationale School voor Wijsbegeerte

### International

- 1985 – 1995 Council Member, Association for Symbolic Logic
- 1989 – 1995 Chair, Executive Board, European Foundation of Logic, Language and Information FoLLI
- 1994 – present Board Member, Reasoning about Knowledge and Rationality TARK
- 1999 – present Vice-President International Federation Computational Logic
- 2008 – present Chair Standing Committee, LORI Conference Series, China
- 2009 – present Council Member, Indian Logic Association
- 2013 – present Co-director UvA Tsinghua Joint Research Center in Logic

## 5 Awards and Honors

- 1965 Essay Prize, City of Den Haag
- 1966 National Essay Prize, European Community
- 1967 Best student award in school history, 's Gravenhaags Christelijk Gymnasium
- 1967 National exam prizes in Latin, French, Chemistry
- 1990 Wittgenstein Vorlesungen, University of Bayreuth
- 1991 Member, Academia Europaea
- 1992 Member, Royal Dutch Academy of Sciences
- 1995 International Who is Who
- 1996 Spinoza Prize, Dutch National Science Organization, <http://www.ilc.uva.nl/lia/>
- 1998 Doctor honoris causa, Université de Liège
- 2000 National Essay Prize, Hollandsche Maatschappij der Wetenschappen
- 2001 Distinguished National Visitor, Research Council of Taiwan
- 2001 Member, Institut International de Philosophie
- 2002 Member, Hollandse Maatschappij der Wetenschappen
- 2003 University Professor, University of Amsterdam

- 2004 First Honorary Member, European Association for Logic, Language and Information *FoLLI*
- 2008 Henry Waldgrave Stuart Professor in Philosophy, Stanford University
- 2008 Weilun Professor, School of Humanities and Social Sciences, Tsinghua University
- 2009 Distinguished Visiting Professor, Japan Institute of Science and Technology
- 2010 海外名师 Distinguished International Expert, Chinese Ministry of Education
- 2010 Best 10 Papers Award in Philosophy 2009, *Philosopher's Annual*
- 2011 Alfred Tarski Lectures, University of California at Berkeley
- 2011 Honorary Patron, LABORES Scientific Research Lab
- 2012 Chang Jiang National Professorship, China
- 2014 Honorary Member, Dutch Association of Logic
- 2014 Ridder, Orde van de Nederlandse Leeuw (knighthood, Order of the Dutch Lion)
- 2015 Opening Lecture, 15<sup>th</sup> Congress on Logic, Methodology & the Philosophy of Science and Logic Colloquium 2015, Helsinki
- 2015 Strachey Lecture, Department of Computing, Oxford University
- 2015 Member, American Academy of Arts and Sciences

## 6 Milestones

- 1999 JFAK, collection of essays on a 50<sup>th</sup> birthday, <http://www.illc.uva.nl/j50/>
- 1999 Delft University, library artwork signature, [http://www.library.tudelft.nl/fileadmin/redacteur\\_upload/bezoekersinfo/gebouw/TU\\_Delft\\_Library.pdf](http://www.library.tudelft.nl/fileadmin/redacteur_upload/bezoekersinfo/gebouw/TU_Delft_Library.pdf)
- 2009 *Journal of Philosophical Logic* 38:6, special 60<sup>th</sup> birthday issue
- 2014 Farewell and legacy event University of Amsterdam, <http://events.illc.uva.nl/J65/>
- 2014 Outstanding Contributions Volume *Johan van Benthem on Logic and Information Dynamics*, A. Baltag & S. Smets, eds., Springer Science Publishers
- 2017 Scientific archive 1962–2017 deposited in Nationaal Wetenschapsarchief, Haarlem

## Publications

### 7 Books

- 1977 *Modal Correspondence Theory*, dissertation, Universiteit van Amsterdam, Instituut voor Logica en Grondslagenonderzoek van de Exacte Wetenschappen, 148 pp.
- 1982 *Logica, Taal en Betekenis*, Spectrum, Utrecht. With authors' collective GAMUT.
- 1983 *The Logic of Time*, Reidel, Dordrecht, (Synthese Library 156). Revised and expanded edition published in 1991.
- 1985 *Modal Logic and Classical Logic*, Bibliopolis, Napoli (Indices 3) & Humanities Press, Atlantic Heights.
- 1985 *A Manual of Intensional Logic*, CSLI Lecture Notes 1, Center for the Study of Language and Information, Stanford.
- 1986 *Essays in Logical Semantics*, Reidel, Dordrecht, Studies in Linguistics and Philosophy 29.
- 1987 *Situations, Language and Logic*, Reidel, Dordrecht, Studies in Linguistics and Philosophy 34. With coauthors J–E Fenstad, P–K Halvorsen & T. Langholm.

- 1988 *A Manual of Intensional Logic*, CSLI Publications, Stanford & The University of Chicago Press, Chicago.
- 1991 *Language in Action: Categories, Lambdas and Dynamic Logic*, North-Holland, Amsterdam, (Studies in Logic 130). Paperback reprint with new Appendix, The MIT Press, 1995.
- 1991 *Logic, Language and Meaning*, The University of Chicago Press. Expansion and revision of GAMUT 1982.
- 1991 *Logica voor Informatici*, Addison-Wesley, Amsterdam. With co-authors H. van Ditmarsch, J. Ketting, W. Meyer Viol.
- 1996 *Exploring Logical Dynamics*, Studies in Logic, Language and Information, CSLI Publications & Cambridge University Press.
- 2001 *Logic in Action*, Spinoza Project, ILLC Amsterdam, with Paul Dekker, Jan van Eijck, Maarten de Rijke, and Yde Venema.
- 2002 *Introducción a la Lógica*, Eudeba, Buenos Aires, Spanish version GAMUT 1991.
- 2003 *Logica voor Informatica*, revised and expanded edition of LVI 1991. With Hans van Ditmarsch and Josje Lodder.
- 2005 *Hoe Wiskunde Werkt*, ILLC/KdV/IIS, with Robbert Dijkgraaf.
- 2009 *Logica in Actie*, Open University, Heerlen, SDU Academic Service: <http://www.sdu.nl/catalogus/9789039525999> with Hans van Ditmarsch, Jan van Eijck and Jan Jaspars.
- 2009–2012 *A Door to Logic*, Chinese translation of selected papers, 4 volumes (“Modal Logic, Information and Computation”, “Modal Correspondence Theory”, “Logic, Language and Cognition”, “Logic, Philosophy and Methodology”), Science Press, Beijing.
- 2010 *Modal Logic for Open Minds*, CSLI Publications, Stanford.
- 2011 *Logical Dynamics of Information and Interaction*, Cambridge University Press.
- 2012 *Logic in Action*, Open Source Textbook, <http://www.logicinaction.org/> with Hans van Ditmarsch, Jan van Eijck, Jan Jaspars and collaborators in Amsterdam, Beijing, Seville, and Stanford.
- 2014 *Logic in Games*, The MIT Press, Cambridge (Mass.).
- 2017 **逻辑、语言与意义** The Commercial Press, Beijing, Chinese version GAMUT 1991.

In preparation

*The Music of Knowledge, Dynamic-Epistemic Logic and Epistemology*, with Alexandru Baltag & Sonja Smets.

## 8 Edited Books

- 1985 *Generalized Quantifiers in Natural Language* Foris, Dordrecht, (GRASS, vol. 4); with A. ter Meulen.
- 1988 *Categories, Polymorphism and Unification*, Centre for Cognitive Science (University of Edinburgh) & Institute for Language,

- Logic and Information (University of Amsterdam); with E. Klein.
- 1988 *Categorial Grammar*, John Benjamins, Amsterdam and Philadelphia; with W. Buszkowski and W. Marciszewski.
- 1990 *Semantics and Contextual Expression*, Foris, Dordrecht, (GRASS, vol. 11); with R. Bartsch and P. van Emde Boas.
- 1996 *Proceedings 10th International Congress on Logic, Methodology and Philosophy of Science. Florence 1995*, volumes "Logic and Scientific Methods", "Structures and Norms in Science", Kluwer Academic Publishers, Dordrecht; with M. Dalla Chiara, K. Doets and D. Mundici.
- 1996 *Logic and Theory of Argumentation*, Royal Dutch Academy, Amsterdam; with F. van Eemeren, R. Grootendorst & F. Veltman.
- 1997 *Handbook of Logic and Language*  
<http://mitpress.mit.edu/catalog/item/default.asp?tld=8458&ttype=2>  
 North-Holland, Amsterdam & MIT Press; with Alice ter Meulen.
- 2001 *Proceedings 8th Conference on Theoretical Aspects of Rationality and Knowledge*, Morgan Kaufmann Publishers, San Francisco.
- 2002 *Words, Proofs, and Diagrams*, CSLI Publications, Stanford; with D. Barker-Plummer, D. Beaver, D. Israel, P. Scotto di Luzio.
- 2006 *The Age of Alternative Logics*, Springer, Dordrecht with G. Heinzmann, M. Rebuschi & H. Visser.
- 2006 *Handbook of Modal Logic*, <http://www.lsc.liv.ac.uk/~wolter/hml/>  
[http://www.elsevier.com/wps/find/bookdescription.cws\\_home/708884/description](http://www.elsevier.com/wps/find/bookdescription.cws_home/708884/description)  
 Elsevier, Amsterdam; with Patrick Blackburn & Frank Wolter.
- 2007 *A Meeting of the Minds*, Proceedings LORI Workshop Beijing August 2007, King's College Publications, London; with Ju Shier and Frank Veltman.
- 2007 *Handbook of Spatial Logics*, <http://www.dit.unitn.it/~aiellom/hsl>  
 Springer, Dordrecht; with Marco Aiello & Ian Pratt-Hartmann.
- 2007 *Foundations of the Formal Sciences V: Infinite Games*  
 Studies in Logic, College Publications, London; with Stefan Bold, Benedikt Löwe, Thoralf Räscher.
- 2007 *Logic at a Cross-Roads: logic and its interdisciplinary environment*, Allied Publishers, Mumbai, with A. Gupta & R. Parikh.
- 2007 *Logics for Interaction*, Augustus de Morgan Workshop 2005, Texts in Logic and Games, Amsterdam University Press, with Dov Gabbay and Benedikt Löwe.
- 2008 *Logic and Intelligent Interaction*, Proceedings Workshop ESSLLI XV, University of Hamburg, with Eric Pacuit, 153 pp.
- 2008 *Handbook of the Philosophy of Information*, <http://www.illc.uva.nl/HPI/>  
 Elsevier Science Publishers, Amsterdam, with Pieter Adriaans.
- 2009 *Wat Cognitiewetenschappers Bezielt*, with B. Mols en P. Hagoort, NWO.
- 2010 *Handbook of Logic and Language, Second Edition*, Elsevier Science Direct, Amsterdam, with Alice ter Meulen.

- 2011 “Logic at the Cross-Roads”, Vol. 1 + 2: *Proof, Computation, and Agency and Games, Norms and Reasons*, Springer, with A. Gupta & E. Pacuit.
- 2011 *Logic and Philosophy Today*, College Publications, London, Studies In Logic, Vol's. 29 & 30, with Amitabha Gupta.
- 2013 *Logic Across the University. Foundations and Applications*, College Publications, London, Studies in Logic, Vol. 47, with Fenrong Liu.
- 2016 *Readings in Formal Epistemology*, Springer Science Publishers, with Horacio Arló-Costa & Vincent Hendricks.
- 2016 *Models of Strategic Reasoning*, with Sujata Ghosh & Rineke Verbrugge, Springer Lecture Notes in AI, FoLLI Series.

## 9 Articles in Journals

### 1973

- 1 Bestaan Denkwetten?, *Algemeen Nederlands Tijdschrift voor Wijsbegeerte* 65, 120–125.

### 1974

- 2 Hintikka on Analyticity, *Journal of Philosophical Logic* 3, 419–431.  
 3 Semantic Tableaus, *Nieuw Archief voor Wiskunde* 22, 44–59.

### 1975

- 4 A Set-Theoretical Equivalent of the Prime Ideal Theorem for Boolean Algebras, *Fundamenta Mathematicae* 89, 151–153.  
 5 A Note on Modal Formulae and Relational Properties, *Journal of Symbolic Logic* 40, 55–58.

### 1976

- 6 Modal Reduction Principles, *Journal of Symbolic Logic* 41, 301–312.  
 7 Modal Formulas are either Elementary or not  $\Sigma$ - $\Delta$ -Elementary, *Journal of Symbolic Logic* 41, 436–438.  
 8 Enkele Opmerkingen over Zelfreferentie en Zelfweerlegging, *Algemeen Nederlands Tijdschrift voor Wijsbegeerte* 68, 250–270.

### 1977

- 9 Tense Logic and Standard Logic, *Logique et Analyse* 20, 41–83.

### 1978

- 10 Four Paradoxes, *Journal of Philosophical Logic* 7, 49–72.  
 11 Ramsey Eliminability, *Studia Logica* 37:4, 321–336.  
 12 Two Simple Incomplete Modal Logics, *Theoria* 44:1, 25–37.  
 13 Transitivity Follows from Dummett's Axiom, *Theoria* 44:2, 117–118. [With Wim Blok.]

### 1979

- 14 Canonical Modal Logics and Ultrafilter Extensions, *Journal of Symbolic Logic* 44:1, 1–8.  
 15 Minimal Deontic Logics, *Bulletin of the Section of Logic* 8:1, 36–42.  
 16 What is Dialectical Logic?, *Erkenntnis* 14, 333–347.  
 17 Syntactic Aspects of Modal Incompleteness Theorems, *Theoria* 45:2, 63–77.

**1980**

18 Some Kinds of Modal Completeness, *Studia Logica* 39:2/3, 125–141.

**1981**

19 Historische Vergissingen? Kanttekeningen bij de Fregeaanse Revolutie in de Logica, *Kennis en Methode* 5:2, 94–116.

20 Fundering of Ondernijning?, *Nieuw Archief voor Wiskunde* 29:3, 254–284.

**1982**

21 The Dynamics of Interpretation, *Journal of Semantics* 1, 3–20. [With Jan van Eijck.]

22 The Logical Study of Science, *Synthese* 51, 431–472.

23 Later than Late: on the Logical Origin of the Temporal Order, *Pacific Philosophical Quarterly* 63, 193–203.

**1983**

24 Logical Semantics as an Empirical Science, *Studia Logica* 42:2/3, 299–313.

25 Halldén Completeness by Glueing of Kripke Frames, *Notre Dame Journal of Formal Logic* 24, 426–430. [With Lloyd Humberstone.]

26 Determiners and Logic, *Linguistics and Philosophy* 6:4, 447–478.

**1984**

27 Questions about Quantifiers, *Journal of Symbolic Logic* 49:2, 443–466.

28 Tense Logic and Time, *Notre Dame Journal of Formal Logic* 25:1, 1–16.

29 Foundations of Conditional Logic, *Journal of Philosophical Logic* 13, 303–349.

30 A Mathematical Characterization of Interpretation between Theories, *Studia Logica* 43:3, 295–303. [With David Pearce.]

31 Possible Worlds Semantics: a Research Program that Cannot Fail?, *Studia Logica* 43:4, 379–393.

32 Analytic/Synthetic: Sharpening a Philosophical Tool, *Theoria* 50:2/3, 106–137.

**1985**

33 Situations and Inference, *Linguistics and Philosophy* 8, 3–9.

34 The Variety of Consequence, According to Bolzano, *Studia Logica* 44:4, 389–403.

**1986**

35 Tenses in Real Time, *Zeitschrift für mathematische Logik und Grundlagen der Mathematik* 32, 61–72.

36 Partiality & Non-Monotonicity in Classical Logic, *Logique et Analyse* 29, 225–247.

37 The Relational Theory of Meaning, *Logique et Analyse* 29, 251–273.

**1987**

38 Meaning: Interpretation and Inference, *Synthese* 73:3, 451–470.

**1988**

39 A Note on Jónsson's Theorem, *Algebra Universalis* 25, 391–393.

40 Vragen om Typen, *GLoT* 10:3, 333–352.

41 Logical Syntax, *Theoretical Linguistics* 14, 119–142.

**1989**

42 Notes on Modal Definability, *Notre Dame Journal of Formal Logic* 30:1, 20–35.

43 Polyadic Quantifiers, *Linguistics and Philosophy* 12:4, 437–464.



44 Logical Constants across Varying Types, *Notre Dame Journal of Formal Logic* 30:3, 315–342.

#### 1990

- 45 Categorical Grammar and Type Theory, *Journal of Philosophical Logic* 19, 115–168.  
 46 Kunstmatige Intelligentie: Een Voortzetting van de Filosofie met Andere Middelen, *Algemeen Nederlands Tijdschrift voor Wijsbegeerte* 82, 83–100.  
 47 Computation versus Play as a Paradigm for Cognition, *Acta Philosophica Fennica* 49, 236–251.

#### 1991

- 48 Editorial Information Sciences, *Journal of Logic, Language, and Information* 1, 1–4.  
 49 Language in Action, *Journal of Philosophical Logic* 20, 1–39.  
 50 General Dynamics, *Theoretical Linguistics* 17: 1/2/3, 151–201.

#### 1992

- 51 Logic as Programming, *Fundamenta Informaticae* 17:4, 285–317.  
 52 Modeling the Kinematics of Meaning, *Proceed's Aristotelean Society* 1992, 105–122.

#### 1993

- 53 Modal Frame Classes Revisited, *Fundamenta Informaticae* 18: 2/3/4, 307–317.  
 54 The Elusive Locus of Logicality, guest editorial, *Journal of Logic and Computation* 3:5, 451–453.  
 55 Reflections on Epistemic Logic, *Logique et Analyse* 34 (vol. 133–134), 5–14.

#### 1994

- 56 Modal Logic, Transition Systems and Processes, *Journal of Logic and Computation* 4:5, 811–855. [With Jan van Eijck and Vera Stebletsova.]

#### 1995

- 57 Logic of Transition Systems, *Journal of Logic, Language and Information* 3:4, 247–283. [With Jan Bergstra.]  
 58 Directions in Generalized Quantifier Theory, *Studia Logica* 55:3, 389–419. [With Dag Westerståhl.]  
 59 Back and Forth Between Modal Logic and Classical Logic, *Bulletin of the Interest Group in Pure and Applied Logics* 3, August 1995, 685–720, London and Saarbruecken.

#### 1996

- 60 Logica in Beweging: de Dynamiek van Redeneren en Betekenis, *Handelingen KNAW*, 6.1.96, Afdeling Letterkunde, Amsterdam.  
 61 Wat is Mis met de Filosofie?, *Ergo Cogito* 5, Historische Uitgeverij Groningen, 27–36.  
 62 Space, Time and Computation: Trends and Problems, editorial, special issue on Spatial and Temporal Reasoning, *International Journal of Applied Intelligence* Vol. 6, No. 1, 5–9. [With Frank Anger, Rita Rodriguez and Hans Guesgen.]

#### 1997

- 63 Logic, Language and Information: The Makings of a New Science?, guest editorial, *Journal of Logic, Language and Information* 6:1, 1–3.  
 64 Cognitive Actions in Focus, guest editorial [with co-editor Yoav Shoham], special TARK issue, *Journal of Logic, Language and Information* 6:2, 119–121.

- 65 Modal Foundations for Predicate Logic, *Bulletin of the IGPL* 5:2, 259–286, London and Saarbruecken, (R. de Queiroz, ed., *Proc's WoLLIC, Recife 1995*).
- 66 Modal Deduction in Second–Order Logic and Set Theory. Part I, *Logic and Computation* Volume 7:2, 251–265. [With Giovanna d'Agostino, Angelo Montanari and Alberto Policriti.]

**1998**

- 67 Programming Operations that are Safe for Bisimulation, *Studia Logica* 60:2 (Logic Colloquium. Clermont–Ferrand 1994), 311–330.
- 68 Logische Dynamiek, Themanummer *ANTW* 90:1, 54–70.
- 69 Modal Logics and Bounded Fragments of Predicate Logic, *Journal of Philosophical Logic* 27:3, 217–274. [With Hajnal Andréka & Istvan Németi.]
- 70 Modal Deduction in Second–Order Logic and Set Theory, II, *Studia Logica* 60, 387–420. [With Giovanna d'Agostino, Angelo Montanari & Alberto Policriti.]
- 71 Points on Time, ENRAC Electronic Newsletter 4:10, *Reasoning about Action and Change*, Linköping: <http://www.ida.liu.se/ext/etai/rac/notes/1998/03/debet.html>.

**1999**

- 72 Wider Still and Wider: resetting the bounds of logic, in A. Varzi, ed., *The European Review of Philosophy*, CSLI Publications, Stanford, 21–44.
- 73 Temporal Patterns and Modal Structure, in A. Montanari, A. Policriti & Y. Venema, eds., Special issue on Temporal Logic, *Logic Journal of the IGPL* 7:1, 7–26.
- 74 Modality, Bisimulation and Interpolation in Infinitary Logic, *Annals of Pure and Applied Logic* 96, 29–41.
- 75 Interpolation, Preservation, and Pebble Games, *Journal of Symbolic Logic* 64:2, 881–903. [With Jon Barwise.]
- 76 The Range of Modal Logic, *Journal of Applied Non–Classical Logics*, vol. 9:2/3 (issue in Memory of George Gargov), 407–442.

**2000**

- 77 Information Transfer Across Chu Spaces, *Logic Journal of the IGPL* 8:6, 719–731.

**2001**

- 78 Games in Dynamic Epistemic Logic, in G. Bonanno & W. van der Hoek, eds., *Bulletin of Economic Research* 53:4, 219–248 (Proceedings LOFT–4, Torino).
- 79 Action and Procedure in Reasoning, *Cardozo Law Review* 22, 1575–1593.

**2002**

- 80 Logic in Action, 5 Jaar Later, *Alg. Ned's Tijdschrift voor Wijsbegeerte* 2, 146–150.
- 81 Extensive Games as Process Models, in M. Pauly & P. Dekker, eds., special issue of *Journal of Logic, Language and Information* 11, 289–313.

**2003**

- 82 A Modal Walk through Space, *Journal of Applied Non–Classical Logic* 12:3/4, 319–363. [With Marco Aiello.]
- 83 Connecting the Different Faces of Information, editorial guest–edited volume, *Journal of Logic, Language and Information* 12:4. [With Robert van Rooij.]
- 84 Conditional Probability Meets Update Logic, *Journal of Logic, Language and Information* 12:4, 409–421.
- 85 Logic Games are Complete for Game Logics, *Studia Logica* 75, 183–203.

- 86 Logic and the Dynamics of Information, *Minds and Machines* 13:4, special issue, (L. Floridi, ed.), 503–519.
- 87 Euclidean Hierarchy in Modal Logic, *Studia Logica* 75, 327–344.  
[With Guram Bezhanishvili and Mai Gehrke.]
- 88 Reasoning About Space: The Modal Way, *Logic and Computation* 13:6, 889–920. [With Marco Aiello and Guram Bezhanishvili.]
- 89 A Mini-Guide to Logic in Action, *Philosophical Researches 2004*, Suppl., 21–30, Beijing, Chinese Academy of Sciences.
- 2004**
- 90 What One May Come to Know, *Analysis* 64 (282), 95–105.
- 91 Diversity of Logical Agents in Games, *Philosophia Scientiae* 8:2, 163–178. [With Fenrong Liu.]
- 2005**
- 92 Minimal Predicates, Fixed-Points, and Definability, *Journal of Symbolic Logic* 70:3, 696–712.
- 93 Guards, Bounds, and Generalized Semantics, *Journal of Logic, Language and Information* 14, 263–279.
- 2006**
- 94 Epistemic Logic and Epistemology: the state of their affairs, *Philosophical Studies* 128, 2006, 49–76.
- 95 Modal Frame Correspondences and Fixed-Points, *Studia Logica* 83:1, 133–155.
- 96 Where is Logic Going, and Should It?, *Topoi* 25, 117–122.
- 97 Logics of Communication and Change, *Information and Computation* 204(11): 1620–1662. [With Jan van Eijck and Barteld Kooi.]
- 98 Epistemic Logic and Epistemology: the state of their affairs, Chinese translation of [94] by Fenrong Liu, *World Philosophy* 6, pp. 73–83.
- 2007**
- 99 The Ubiquity of Computation, Guest Editorial, *Transactions on Computational Logic*.
- 100 Rationalizations and Promises in Games, *Philosophical Trends*, Supplement 2006 on logic, Chinese Academy of Social Sciences, Beijing, 1–6.
- 101 Introduction, *Topoi* 26:1–2, special issue on Logic and Psychology, with co-editors Helen and Wilfrid Hodges.
- 102 Multimodal Logics of Products of Topologies, *Studia Logica* 84, 369–392.  
[With Guram Bezhanishvili, Balder ten Cate, and Darko Sarenac.]
- 103 Rational Dynamics and Epistemic Logic in Games, *International Game Theory Review* 9:1, 2007, 13–45. Erratum reprint, Volume 9:2, 377–409.
- 104 Dynamic Logic of Belief Revision, *Journal of Applied Non-Classical Logics* 17:2, 129–155.
- 105 Dynamic Logic of Preference Upgrade, *Journal of Applied Non-Classical Logics* 17:2, 157–182. [With Fenrong Liu.]
- 106 A New Modal Lindström Theorem, *Logica Universalis* 1, 125–138.
- 2008**
- 107 Editorial, *Synthese* 160:1, 1–4. [With Vincent Hendricks and John Symons.]
- 108 Logic and Reasoning: do the facts matter?, *Studia Logica* 88, 67–84.

- 109 Tell It Like It Is: Information Flow in Logic", *Journal of Peking University* (Humanities and Social Science Edition), No. 1, 80–90.
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- 64 Interview, Logic, Language, Cognition, *The Reasoner* 3:12, December 2009.
- 65 A Stamp Full of Logic, Farsi translation, *Mathematics Education Journal*, Iran.
- 66 A Dialogue on Game Theory, Logic, and Rational Choice, in J. van Eijck & R. Verbrugge, eds., *Discourses on Social Software*, Texts in Logic and Games 5, Amsterdam University Press, 123–134.

#### 2010

- 67 The Journal Synthese, *Chinese Social Sciences Today*, 5 May, p. 17. [With Vincent Hendricks and John Symons.]
- 68 Dialogue on Logic, Language and Cognition – Interview with Johan van Benthem, Guo Meiyun & Liu Xinwen, *Philosophical Trends* 3, 62–71.
- 69 Computation, Conversation, and Celebration, in T. Janssen & L. Torenvliet, eds., *Lectori Salutem*, festschrift on the occasion of the retirement of Peter van Emde Boas, ILLC, University of Amsterdam, 1–5.
- 70 Preface, *Logic and Interactive Rationality Yearbook 2009*, in D. Grossi, L. Kurzen & F. Velazquez–Quesada, eds., ILLC, Amsterdam, vii.
- 71 Interview, in *Epistemic Logic: 5 Questions*, V. Hendricks & O. Roy, eds., Automatic Press, Copenhagen 35–46.
- 72 Preface, in L. Kurzen & F. Velazquez–Quesada, eds., *Logical Dynamics for Information and Preferences*, Seminar yearbook, ILLC, Amsterdam, vii–viii.
- 73 Open course Logic in Action, *De Nieuwe Wiskrant* 30–1, 41–48. [With Jan Jaspars.] Also in *Wiskunde en Onderwijs* 37:145, 2011, 28–39.

#### 2011

- 74 Intelligentna interakcja: terendy dynamiczne w dziesiejszej logice, Polish translation from 2005, Group in Logic, University of Opole.
- 75 Preface, *Logic and Interactive Rationality Yearbook 2010*, in D. Grossi, S. Minica, B. Rodenhauer & S. Smets, eds., ILLC, Amsterdam, vi.

#### 2012

- 76 Preface, *Logic and Interactive Rationality Yearbook 2011*, in A. Baltag, D. Grossi, A. Marcoci, B. Rodenhauer & S. Smets, eds., ILLC, Amsterdam, 1.

- 77 Dynamic Logic in Natural Language, in Th. Graf, D. Paperno, A. Szabolcsi & J. Tellings, eds., *Theories of Everything: In Honor of Ed Keenan*. UCLA Working Papers in Linguistics 17, 2012, 4 pp., <http://creativecommons.org/licenses/by-nc/3.0/>.
- 78 Johan Frederik Staal, *Levensberichten en Herdenkingen*, KNAW, Amsterdam, 2012, 71–75.
- 79 De Logica van het Alledaagse, in S. Metselaar & A. den Dulk, eds., *Hoe Denkers Denken*, 2012, Athenaeum Amsterdam.
- 80 Why Curiosity? Lustrum website University of Amsterdam, 2012.
- 81 Redeneren met Getallen, *Idee* najaarsnummer 2012, 5–9, Mr. Hans van Mierlo Stichting, Amsterdam.

**2013**

- 82 The UvA Meets China, interview book, Amsterdam University Press. [With Anouk Tso].
- 83 Preface, *Dynamics Yearbook 2012*, Amsterdam, Beijing & Berkeley.

**2014**

- 84 Preface, *Dynamics Yearbook 2013*, Amsterdam, Beijing & Berkeley.

**2015**

- 85 Fanning the Flames of Reason, ILLC, University of Amsterdam.
- 86 Else Margarete Barth, *Levensberichten en Herdenkingen. Koninklijke Nederlandse Akademie van Wetenschappen*, Amsterdam, 7-12.

**2016**

- 87 Interview, in Tr. Luper & Th. Adajian, eds., *Five Questions on the Philosophy of Logic*, Automated Press, Copenhagen.
- 88 Logic and Epistemology, interview with Chinese colleagues, *Philosophical Analysis* 7:6, Shanghai Academy of Social Sciences, 140–154.

**2017**

- 89 Fanning the Flames of Reason – Johan Talking about Logic, Xinwen Liu, ed., Science Press, Beijing. Chinese title 烧旺理性的火焰 —— 约翰谈逻辑
- 90 Hoe Wiskunde Werkt, in K. van Dam, R. de Klerk, J. Rodermans & L. Wenting, eds., *Yes We Can*, IIS, University of Amsterdam, 30–31.
- 91 Working with Jan in Four Movements, In S. Minica, C. Unger & Y. Wang, eds., *A Programming Road to Logic, Maths, Language and Philosophy*, <http://jve2017.herokuapp.com/>

**Lectures****14 Invited lectures at conferences and workshops (selection)****1977**

*Tense, Logic, and Time*, Workshop on Formal Semantics, Tübingen.  
*Logische Theorie en Wiskundige Praktijk*, Wiskundig Genootschap, Amersfoort.

**1979**

*Points and Periods*, Colloquium on Tense and Quantifiers, Stuttgart.

**1980**

*Why is Semantics What?*, Third Amsterdam Colloquium.

**1981**

*Grondslagen van de Wiskunde*, Wiskundig Genootschap, Amsterdam.  
*The Logic of Time*, Society for Exact Philosophy, Halifax (N. S.).

**1982**

*Towards a Mathematical Semantics*, Fourth Amsterdam Colloquium.

**1983**

*A Linguistic Turn: New Directions in Logic*, 7th International Congress of Logic, Methodology and Philosophy of Science, Salzburg.

**1984**

*The Elusive Locus of Inference*, 5th Conference, Union of History and Philosophy of Science, Veszprem.  
*Semantic Automata*, Fifth Amsterdam Colloquium.

**1985**

*Toward a Computational Semantics*, Conference on Generalized Quantifiers, University of Lund.  
*Meaning: Interpretation and Inference*, Centro Fiorentino di Storia e Filosofia della Scienze.  
*The Many Faces of Logic*, Tenth International Wittgenstein Symposium, Kirchberg am Wechsel.

**1987**

*Mathematical Structures in Natural Language*, Mathematisches Forschungsinstitut, Oberwolfach.  
*Categorial Grammar and the Theory of Types*, ASL/LSA Meeting, Stanford.  
*Semantic Parallels in Natural and Programming Languages*, Logic Colloquium, Granada.

**1988**

*A Temporal Logician Looks at Computer Science*, REX School on Concurrency, Noordwijkerhout.  
*Non-Monotonicity and Dynamics in Actual Reasoning*, Journées Européennes sur les Méthodes Logiques en Intelligence Artificielle, Roscoff.  
*The Fine-Structure of Categorial Semantics*, School on Computational Linguistics, Istituto Dalle Molle, Lugano.

**1989**

*Changing Perspectives in Temporal Logic*, Knowledge Representation 89, Toronto.  
*Logic, Language Games and Information*, Hintikka Symposium, University of Helsinki.  
*Categorial Grammar, Relational Algebra and Dynamic Logic*, Malc'ev Conference, Siberian Academy of Sciences, Novosibirsk.

**1990**

*General Dynamics*, Third European Summer School in Logic, Language and Information, University of Leuven.  
*The Landscape of Deduction*, Workshop on Substructural Logics, University Tübingen.

**1991**

*Categorial Grammar and Dynamic Logic*, Spring Meeting, Association of Symbolic Logic, San Francisco.  
*Logic and the Flow of Information*, 9th International Congress of Logic, Methodology & Philosophy of Science, University of Uppsala.



*Algebra versus Model Theory in Modal Logic*, Banach Semester, University of Warsaw.  
*Logic: Reasoning and Programming*, Third North-American  
 Conference on Logic Programming, San Diego.

**1992**

*Epistemic Logic: from Knowledge to Cognition*, 4th Conference on  
 Theoretical Aspects of Reasoning about Knowledge, Asilomar.  
*Dynamic Logic of Information*, Workshop on Formal Theories of Knowledge  
 and Action, Cognitive Science Center, University of Texas, Austin.

**1993**

*Modeling the Kinematics of Meaning*, Aristotelean Society, London.  
*Natural Language and Natural Logic*, 5th EACL Conference, Utrecht.  
*The Logic of Cognitive Action*, IJCAI '93, Chambéry, France.

**1994**

*A Reunion of Logic and Argumentation Theory?*, Third International Conference  
 on Argumentation, Amsterdam.  
*Deconstructing Temporal Semantics: Points, Paths and Transitions*,  
 First International Conference on Temporal Logic, Bonn.  
*Modal Logics and Process Theories*, Logic Colloquium 1994, ASL, Clermont-Ferrand.  
*The Logical Imperative: Actions and Procedures in AI*, Deutsche Jahrestagung für  
 Künstliche Intelligenz, Saarbrücken.

**1995**

*Modal Semantics and First-Order Fragments*, Second Brazilian  
 Workshop on Logic, Language, Information and Computation, Recife.  
*Retrospective/Prospective on Semantics*, Tenth Amsterdam Colloquium on  
 Formal Semantics (with Barbara Partee & Hans Kamp).

**1996**

*Resources in Dynamic Semantics*, CUNY Conference Language Processing, New York.  
*Remodeling Temporal Geometry*, TIME-96, Key West (FL).  
*Dynamics and Algorithmics*, Conference on Logic, Language, and Information, London.  
*Logic and Philosophy of Science: Toward a Common Agenda*,  
 Plenary Lecture, 8th FoLLI Summer School, Prague.

**1997**

*Modal Geometry*, Workshop on Temporal Logic, Amsterdam.  
*Dynamic Logic in Grammar*, Fifth Rome Workshop on Logic and Language, Rome.

**1998**

*Process Operations in Extended Dynamic Logic*, Logic in Computer Science LICS 98,  
 Indianapolis.  
*Relational Methods in Modal Logic*, RELMICS III, Warszawa.  
*Relaxing One's Guards*, Advances in Modal Logic AiML II, Uppsala.  
*Confluences in Logic and Philosophy of Science*, Belgian Association for Logic and  
 Philosophy of Science, Brussels.  
*Logical Constants: the variable fortunes of an elusive notion*, The Feferfest, Stanford.  
*The Logical Structure of Games*, LOFT III, Torino.

**1999**

*The Nature of Logical Constants*, LOGICA '99, Liblice.  
*Actions that Change Your Mind*, 7th Asian Logic Conference, Hsi-Tou, Taiwan.  
*Games that Drive Cognition*, ESSLLI-10, Utrecht.  
*From Logic to Games*, Augustus de Morgan Workshop, London.  
*AI and the Dynamics of Juridical Proof*, New Trends in Criminal Investigation and Evidence, Amsterdam.

**2000**

*Dynamic Epistemic Logic*, LOFT 4, Torino.  
*Update Delights*, ESSLLI 11 Summer School, Birmingham.  
*Changing Your Mind*, Deutsche Gesellschaft für Analytische Philosophie, Bielefeld.  
*On Being Informed*, JELIA 2000, Malaga, (Springer Lecture Notes in AI, p. 1).  
*Hintikka Self-Applied*, Hintikka Symposium, Helsinki.  
*Proof and Meaning*, Formal Methods in Language, Bonn.

**2001**

*Language as the Engine of Cognition*, Annual Symposium Academia Europaea, Rotterdam.  
*Logic Games and Game Theory*, 11<sup>th</sup> Italian Meeting on Game Theory and Applications, Ischia.  
*What is Logical Dynamics?*, Dynamics 2001, Prague.  
*Logical Structures in Space*, Fourth Tbilisi Symposium, Georgia.  
*Logic of Communication*, SSLPS Conference, Bern.

**2002**

*Logical Structures in Games*, Dagstuhl Workshop on Multi-Agents.  
*From Reasoning to Communication*, Colloquium Logicum, Münster.  
*The Course of Modern Logic: Computing, Information and a bit of Cognition?*  
 First Distinguished ITC-IRST Lecture, Trento.  
*Nonstandard Views of Foundations*, PILM 2, Nancy.  
*The Varieties of Reasoning*, Bolzano Congress, Vienna.

**2003**

*Future Trends in Logic and Philosophy*, World Congress of Philosophy, Istanbul.  
*Rational Dynamics*, Game Theory and Logic Conference, Siena.  
*Trends in Logic*, Studia Logica 50 Years, Copenhagen.

**2004**

*Computation is Conversation*, Annual Meeting Dutch Association of Theoretical Computer Science.  
*Games in the Perspective of a Logician*, LORWI 2004, Tokyo.  
*Remarks on Dependence Logic and Quantum Mechanics*,  
 Symposium Library of Living Philosophers, APA Central Meeting, Chicago.  
*Recent Developments in Update Logics*, Workshop on Logics of Knowledge and Proof,  
 CUNY New York.  
*Irreducibly Social Aspects of Cognition*, KNAW Workshop on Cognition, Amsterdam.  
*Seven Bridges from Logic to Epistemology*, Dynamics of Reason, Amsterdam.

**2005**

*Logic, Communication, and Games*, Tutorial plus invited lecture, First Indian Logic Conference, IITK, Mumbai.

*Games over Time*, APA–ASL Meeting, San Francisco.  
*A Brief History of Logical Dynamics*, AMAS, Utrecht.  
*Modal Logic, Algebra, Guards, and Fixed–Points*, Bolyai Congress, Budapest.  
*Temporal Perspective in Process Theory*, Wittgenstein Conference, Kirchberg.  
*In Praise of Monotonicity*, UiL–OTS Workshop on Natural Logic, Utrecht.  
*Coming to Know*, Hintikka Schock Prize Symposium,  
 Swedish Academy of Sciences, Stockholm.  
*The Social Side of Cognition*, Workshop Dynamics of Knowledge, Siena.

## 2006

*Modal vs. First–Order Theories of Space*, Workshop ILLC Spatio–Temporal Logics.  
*Lindstrom Theorems for Modal Logic*, Infinity Workshop, Free University Amsterdam.  
*Belief Revision in a Dynamic Epistemic Framework*,  
 3d FEW Workshop on Formal Epistemology, Berkeley.  
*Rational Animals: What is 'KRA'?*, invited lecture,  
 KRA Workshop, ESSLLI Summer School Malaga.  
*Logic and Philosophy of Science Revisited*, ESF Workshop, University of Bristol.  
*A New Core Curriculum for Logic*, Tools for Teaching Logic, University of Salamanca.  
*The Logic and Games Connection*, Opening Centre for Games and Language, Bielefeld.  
*Logical Constants in Three Lights*, IHPST Workshop on Logical Constants, Paris.  
*Logic, Games and Interaction*, ILIKS Workshop, University of Trento.

## 2007

*Intelligent Interaction*, Conference on Logic and Navya Nyaya, Kolkata.  
*Logics for Changing Beliefs*, 2d Indian Logic Conference, IITB Mumbai.  
*Five New Views of Craig's Theorem*, Berkeley, Interpolations Conference, UC Berkeley.  
*Logic and Methodology*, Mexico, UNAM Philosophy, keynote lecture, Workshop  
 Logic and Methodology.  
*Belief Revision as Social Choice*, Workshop Dynamic Logic, University of Montreal.  
*A Brief History of Natural Logic*, LORI workshop on rationality and interaction, Beijing.  
*Logic and Intelligent Interaction*, invited plenary lecture, 13th DLMPS Congress, Beijing.  
*Logic, Information Flow, and Games*, Vicious Circle Society, University of Bern.  
*Logic and Information*, Philosophy of Information, Oxford.  
*What does Logic have to do with Space?*, Handbook Launch Spatial Logics Groningen.

## 2008

*Logic and Physics*, A Brief History of Contacts, Logic Meets Physics Workshop, Utrecht.  
*Modal Logic and Fixed–Points: New Views*, Workshop on Modal Fixed–Point Logics,  
 Amsterdam.  
*Logic and Intelligent Interaction*, Workshop ESSLLI Hamburg.  
*Logical Dynamics Meets Logical Pluralism*, Tartu Estonia.  
*Logic, Qualitative Belief Revision, and Social Choice*, TiLPS Tilburg.  
*A Brief History of Logic and Language*, Workshop Logic, Language and Cognition, Beijing.  
*Games, Proofs and Reasons*, Meeting Logicians at Work, Tsinghua University.  
*Information by Deduction and Realization*, 7th Conference on Logic and Cognition,  
 ILLC, Guangzhou.  
*The Logic of Empirical Theories Revisited*, Logic and the Foundations of Physics,  
 Vrije Universiteit Brussel.

**2009**

*The Logic of Intelligent Interaction*, Workshop on Logic and Social Agency, IMS, Chennai.  
*Decisions, Actions and Games, a logical perspective*, ICLA–III Third Indian Logic Conference, Chennai.

*Modal Predicate Logic, Revisited*, Mintsfest, Stanford University.

*Formal Models of Cognition*, CSCA symposium Amsterdam

*Writing History*, Workshop on Practice–Based Philosophy of Logic and Mathematics, Amsterdam.

*Merging Logical Dynamics and Probabilistic Update*, Prolog Workshop Groningen.

*Logic and Rational Agency*, LORI–II, Chongqing.

*From Common Sense to Mathematical Proof*, EpiconFor Conference Nancy.

*Dynamic Logic, Agency, and Philosophy of Science*, Annual Conference Spanish Society of Logic, Methodology and Philosophy of Science, Valencia.

**2010**

*Nieuwe Wegen tussen Logica en Wiskunde*, Nationale Wiskundedagen, Noordwijkerhout.

*Philosophy of Information and Computation*, Workshop, Lorentz Center, Leiden.

*Formal Theories of Communication*, Workshop, Lorentz Center, Leiden.

*Dynamics of Information and Evaluation*, SOCREAL Workshop, University of Hokkaido.

*Translation and Culture*, ‘A Door to Logic’ Workshop on Logic in China, Tsinghua University.

*Logica en Wiskunde Vandaag*, Vlaamse Wiskundedagen, Blankenberge.

*Logic, the Balance of Expressivity and Complexity*, IJCAR 2010, Edinburgh.

*Dynamic Semantics Meets Dynamic Logic*, Hans Kamp 70 Conference, Stuttgart.

*Thoughts on Analogical Reasoning*, Workshop History of Logic in China, IAS Leiden.

*Logic Meets Reality*, Workshop Logic and Cognitive Psychology, Amsterdam.

*Temporal Logic and Learning Theory*, GLLC XV Workshop, Amsterdam.

*Logical Dynamics: Extending the Agenda*, Symposium New Perspectives in Logic, invited lecture, American Philosophical Association Winter Meeting, Boston.

**2011**

*Logic in Philosophy, the Interface Today*, Workshop on Logic and Philosophy Today, Indian Council for Philosophical Research, Delhi Logic Week.

*Logica van Bewijs tot Spel*, Panama Conference on Mathematics Education, Noordwijkerhout.

*Three Notions of Information in Logic, or even Four?* Workshop Epistemic Actions for Non-Ideal Agents, Amsterdam.

*Natural Logic, the Road Ahead*, Workshop on Natural Logic, Stanford.

*Logic, Computation and Agency*, Twenty-Third Annual Tarski Lectures, Department of Mathematics, University of California, Berkeley.

*Tutorial on Logic and Epistemology*, Workshop Logic and Methodology, CSLI Stanford.

*Implicit and Explicit Approaches to Modeling in Logic*, Workshop Logic, Language & Philosophy, Tsinghua University, Beijing.

*Logical Dynamics of Information and Interaction*, book presentation, Decisions, Games and Logic '11, Maastricht.

*Toward a Theory of Play*, invited lecture TARK XII, Groningen.

*Logical Constants: Three Perspectives and Counting*, ESSLLI/LINT Workshop, Ljubljana.

*Where Logic Stands Today*, closing lecture, LogiCCC Final Conference, Berlin.  
*Keep it Simple*, Beida Workshop on New Trends in Logical Dynamics.  
*The Open Course Logic in Action*, Workshop Teaching Logic Today, Nankai University  
 Tianjin.  
*Logical Dynamics of Evidence*, invited lecture Third LORI Conference, Sun Yat-sen  
 University Guangzhou.

## 2012

*The Web of Strategies*, STRATMAS Workshop, Lorentz Center, Leiden.  
*Logic in Games*, Artemov 60 Conference, Logic & Computation Lab, CUNY,  
 New York.  
*Logic, Philosophy and Computation*, Logic Colloquium 2012, Manchester.  
*Modal Logic Now and Then*, Advances in Modal Logic 12, Copenhagen.  
*Logic and Physics*, Némethi 70 Conference, Budapest.

## 2013

*Formal Methods in an Informal World*, Workshop Lorentz Center Leiden.  
*Modern Encounters of Logic and Epistemology*, LOGICA conference, Hejnice.  
*Logic in Games*, European Summer Meeting of the ASL, Evora.  
*Natural Language from the Perspective of Dynamic Logic*, Door to Logic Workshop,  
 Tsinghua University.  
*Logic in and Logic of Games*, Workshop Social Dynamics of Information Change, Amsterdam.  
*Natural Dynamics and Natural Language*, Muskensfest, Tilburg.  
*Three Pillars of Wisdom*, Amsterdam Colloquium 2013.

## 2014

*Logic in Games*, ASL Spring Meeting, Boulder.  
*Oscillations, Limits and Logics of Evolutionary Games*, EASSLLC '2014, Beijing.  
*Games and Theory of Play*, ASL Logic Colloquium, Federated Logic Conference, Vienna.  
*Tracking Evidence and Information*, JRC Workshop, Amsterdam.

## 2015

*Loving Loops*, Rineke Verbrugge 50 Workshop, Groningen.  
*Logic in Action*, Tools for Teaching Logic, Rennes.  
*Logic and Agency*, Opening Lecture, 15<sup>th</sup> Congress of Logic, Methodology and Philosophy  
 of Science & ASL Logic Symposium 2015, Helsinki.  
*Interfacing High Rationality and Low Rationality*, Strategic Reasoning 2015, Oxford.  
*Talking about Knowledge*, Williamson Conference, Peking University.  
*Logic, Computation, and Agency*, Strachey Lecture, Oxford.  
*Logic and Philosophy, Plot Twists in an Old Relationship*, OZSW Conference, Amsterdam.

## 2016

*Correspondence: New Trends*, Workshop Unified Correspondence, Lorentz Center, Leiden.  
*Sabotage Logic and Social Network Games*, Workshop on Logical Dynamics of Social Influence  
 and Information Change, ILLC Amsterdam.  
*Logic, Games and Agency*, SIMIAN Lecture, East China Normal University, Shanghai.  
*Computation as Social Agency*, 120th Anniversary Lecture, School of Humanities,  
 Zhejiang University, Hangzhou.  
*Logic, Games, and Computation*, Sixth SRI Summer School on Formal Techniques,  
 Menlo College.

*Dynamic Logic in Language and Cognition*, International Rationality Summer Institute, Aurich.

*Logic and Philosophy: Walking on Edge(s)*, Workshop Logic and Philosophy, Tsinghua University.

*Natuurlijke Taal als Rendez-Vous Tussen Wiskunde en Filosofie*, DESDA Symposium, Mathematics Institute, University of Nijmegen.

*Networks, Logics, and Games*, LogiCIC Final Workshop, ILLC, Amsterdam.

*Modality, Provability, and Fixed-Points*, Workshop on the occasion of the Dissertation Defense Paula Henk, ILLC, Amsterdam.

## 2017

*Language as Action versus Language as Code*, Israel Academy of Sciences and Humanities, Jerusalem.

*Modal Logic on the Cusp Between Mathematics and Philosophy*, Logic Jubilee, Berkeley.

*Implicit and Explicit Approaches, and their Translations*, FEW Conference, Seattle.

*Inference, Argumentation and Social Agency*, European Conference on Argumentation, Fribourg.

*Logic Meets Probability*, closing lecture, Workshop From Computation to Agency, Beijing.

## 15 Seminar presentations (selection)

### 1980

*Logical Semantics*, GMD Research Institute, Bonn.

### 1981

*Questions about Quantifiers*, School of Epistemics, Edinburgh.

### 1982

*The Logic of Semantics*, Stanford University.

*Exploring the Realm of Logical Constants*, Simon Fraser University, Vancouver.

*Recent Developments in Tense Logic*, University of California at Berkeley.

### 1983

*The Logic of Natural Language*, University of Calgary.

### 1988

*Categorial Grammar and Type Theory*, University of Budapest.

*Topics in Applied Logic*, University of Sofia.

### 1989

*Language in Action*, USSR Academy of Sciences, Moscow.

### 1990

*Category Structure and Dynamics in Natural Language Processing*,  
Institute for Fifth Generation Computer Technology, Tokyo.

*Lectures on Semantics*, Zentrum für Informations- und Sprachverarbeitung,  
University of Munich.

*The Ludwig Wittgenstein Lectures*, University of Bayreuth.

*Mathematical Linguistics as Logical Proof Theory* Steklow Institute,  
USSR Academy of Sciences, Moscow.

### 1991

*Logic and Information Flow*, University of Stockholm.

**1995**

*Modal Foundations of Predicate Logic*, Logic Colloquium, UC Berkeley.

**1996**

*Modal Logics, Dynamics and Bisimulation*, Indiana University, Bloomington.

**1997**

*A Modern Perspective on Modal Logic*, Lectures at Cape Town, Johannesburg, and Pretoria.

**1998**

*Exploring Logical Dynamics*, National University of Taiwan, Taipei.

*Cognitive Actions and Information Flow*, Université de Liège.

**1999**

*Games as a Model of Information Flow*, Departments of Linguistics & Philosophy, UCLA.

**2000**

*Logic Games for Economists*, Tel Aviv University.

*Update Logic and Information Flow*, Hebrew University, Jerusalem.

**2001**

*Logic and Communication*, Ernst Schroeder Colloquium, Darmstadt.

*Does Logic have a Future?*, Nederlandse Vereniging voor Logica, Utrecht.

*Update Logics for Communication*, Computing Lab, Oxford University.

*Logic and Game Algebra*, New York University and CUNY.

*Logical Dynamics and Games*, University of Pennsylvania, Philadelphia.

**2002**

*Logic in Games and Multi-Agent Systems*, University of Liverpool.

**2003**

*Logic in Games*, Departments of linguistics and mathematics, UCLA.

*Conceptual Modeling as a Task of Logic*, Dresden.

*Analyzing Interaction*, joint session, Dutch Royal Academy of Arts and Sciences.

**2004**

*Logic in Games*, Lectures at IHPREST, Paris.

*Logic, Update and Communication*, JAIST, Kanazawa.

*What Players may Come to Know and Believe*, Department  
of Economics, University of California, Davis.

*Logics of Update and Revision*, Chinese Academy of Social  
Science, Beida and Renmin Universities, Peking.

*Logics of Games*, Zhong Shan University, Guangzhou.

**2005**

*Communicative Action and Common Knowledge*, School of  
Computer Science, University of Manchester.

*Update Logics with Probability*, Stanford/Amsterdam Seminar, ILLC Amsterdam.

*One is the Loneliest Number*, Linguistics Seminar, MIT, Boston.

*Epistemic Logic and Epistemology, the State of their Affairs*, Philosophical Institute,  
University of Stockholm.

*Epistemic Fixed-Point Logics in Solving Games*, Informatik RWTH Aachen.

*Combining Logics and Reductionism in Multi-Agent Interaction*, Ludwig-Maximilian's University, Muenchen, Ringvorlesung.

## 2006

*The Social Side of Cognition*, Psychology Colloquium, University of Amsterdam.

*Dynamic Logic, Knowledge, and Topology*, three talks in Departments of Mathematics, Computing and Philosophy, Oxford University.

*Opening Remarks, Tekst en Representatie*, KNAW Symposium.

*Semantic Dynamics, a Uniform Approach*, Mathematical Linguistics Colloquium UCLA

*Space for Knowledge*, UCLA Logic Colloquium.

*Logical Dynamics, Learning and Time*, Department of Philosophy, Carnegie Mellon University, Pittsburgh.

*From Knowledge to Learning*, Institute of Philosophy, Universidad Autonoma de Mexico, Mexico City.

*Logic and Interaction*, lecture series in Guangzhou (Zhongshan University), Guangxi and Guilin, China.

*Dynamic Logic of Belief Revision*, School of Computing University of Nottingham.

## 2007

*Intelligent Interaction*, Christiaan Huygens colloquium, Technische Universiteit Delft.

*Wishful Thinking*, Law and Economics Seminar Amsterdam.

*Logic and Psychology: do the facts matter?* Symbolic Systems Forum, Stanford.

*The Logic of Intelligent Interaction*, Philosophy Colloquium, UC Berkeley.

## 2008

*A Guided Tour of Dynamic Epistemic Logic*, IBM Almaden Research Center, San Jose.

*Logic Matters*, South-West University, Chongqing.

*Uncovering the Notions of Information in Logic*, Beijing Logic Forum, Peking University.

*Dynamic Epistemic Logic and Epistemology, What is a Logical Constant?*, Beijing Normal University.

*Logic and Information Dynamics*, Tsinghua University, Beijing.

## 2009

*Modal Lindström Theorems and Weak Abstract Model Theory*, UCLA Mathematics, Los Angeles.

*The Language of Logic from a Philosophical Perspective*, Colloquium Generale, University of Bern.

*Modeling Intelligent Interaction*, JAIST, Kanazawa Japan.

*A Logical Perspective on Solving Games*, Institute of Modern Logic, Philosophy of Science, and Technology, Renmin University, Beijing.

*Logical Dynamics of Information Flow*, Institute of Philosophy, Chinese Academy of Social Sciences, Beijing.

## 2010

*Dynamic Logic versus Dynamic Semantics*, Formal Epistemology Seminar, Leuven.

*Logic and Epistemology*, Department of Philosophy, CMU, Pittsburgh.

*Logic, or Logics?*, Philosophical Institute Arché, University of St. Andrews.

*Trends in Modern Logic*, Lecture Tour, Poland (Warsaw, Krakow, Opole).



**2011**

*Tutorial on Epistemic Dynamics of Games*, Zhejiang University, Hangzhou.

*Tutorial on Generalized Quantifier Theory*, Tsinghua University, Beijing.

*Formulas for Interaction*, Philosophy Department, Nankai University, Tianjin.

*Logic at the Cross-Roads of the University*, Institute for Logic and Cognition, Sun Yat-sen University, Guangzhou.

*Logical Dynamics of Information and Interaction*, Lectures, Center for Mathematical Philosophy, Muenchen.

**2012**

*Implicit and Explicit Stances in Logic*, New York Logic Colloquium, CUNY Graduate Center.

*Logic of Games versus Logic as Games*, Department of Philosophy, Columbia University, New York.

**2013**

*Logic Meets Probability: The Tiny Zone of Reason*, ILLC Winter Meeting, Amsterdam.

**2014**

*Logic, Games, and Rational Agency*, Group in Logic and Philosophy of Science, University of California at Irvine.

**2015**

*Mathematical Modal Logic*, Berkeley Stanford Logic Circle, San Francisco.

**2016**

*Logic and Philosophy: New Interfaces*, three lectures (Logic Seminar, Theoretical Philosophy, CLLAM), Stockholm University.

*Decidable Versions of Predicate Logic*, Logic Seminar, University of California, Berkeley.

*Open Problems in Logic and Games*, Logic Seminar, Stanford University.

*New Perspectives on the Logic of Moral Reasoning*, Department of Philosophy, Beijing Normal University.

**2017**

*Just Imagine: Logic with Pictures*, Institute for Philosophy, Chinese Academy of Social Sciences, Beijing.

*From Worlds to Possibility Models for Classical Logic*, Department of Philosophy, Beijing Normal University.

**2018**

*Mixing Graph Games and Logic Design*, Department of Computer Science, Oxford University.

**16 Talks for general audiences (selection)****1995**

*Dynamics of Information Flow*, Christmas Colloquium, SHELL Research, Amsterdam.

**1996**

*What Culture Policies can Learn from Science Policies*, De Balie & Boekmanstichting, Amsterdam.

**1997**

*Johan de Witt: Life and Death of a Statesman and Mathematician*,  
Dutch National Graduate School in Logic.

**2002**

*The Future of the Humanities and Sciences*, Hollandsche Maatschappij der Wetenschappen,  
Haarlem.

**2003**

*De Kunst van het Kennis Maken*, opening academic year, University of Amsterdam.

**2004**

*Mixtures of Natural and Artificial Behaviour*, Maagdenhuis op Maandag, UvA.  
*De Conversatiemachine*, Maagdenhuis op Maandag, Amsterdam, UvA.

**2005**

*Logica en Creativiteit*, CREA Lecture, IIS Amsterdam.  
*De Kunst van het Kennis Maken*, Rotterdams Natuurkundig Genootschap.

**2006**

*Logica in de Film 'Memento'*, Amsterdam, College Filmwetenschap, IIS.  
"Wat is Logisch?", NEMO Kinderlezing, Amsterdam.  
*Closing Remarks: 'Curious Minds'*, Talentenkracht, KNAW Symposium.

**2007**

*Logica op het Grensvlak van Alfa, Beta, Gamma*, Natuurkundig Genootschap Diligentia,  
Den Haag.  
*Exacte Talentenjacht*, VTB Universum Lezing Amersfoort.  
*De Logica van Intelligente Interactie*, Natuurwetenschappelijke Genootschap Assen.  
*Logica and de Poëzie van Mark Insingel*, Stichting Perdu, Amsterdam.  
*'Jaap van den Herik 60'*, Kasteel Vaeshartelt, Maastricht.  
*The Workings of an Interdisciplinary Institute*, De Leidsche Flesch, Leiden University.

**2008**

*A Dutchman in China*, 'Amsterdam Kennisstad' Beijing Visit, Unisys Center, Tsinghua.  
*Information Flow Across the University*, Tsinghua University.  
*Met Verlichte Geest*, Opening Academic Year, University of Amsterdam.

**2009**

*Intelligence Seldom Comes Alone*, Science Cafe Nijmegen.

**2010**

*Kun Jij Logisch Denken?*, Children's lecture, Talentenkracht Day, Naturalis, Leiden.

**2011**

*Wat is Logisch?*, Children's lecture, Talentenkracht Day, Naturalis, Leiden.

**2013**

*Exploring Dynamics in China*, Opening Academic Year, University of Amsterdam.

**2014**

*Fanning the Flames of Reason*, Valedictory Lecture, University of Amsterdam.  
*Pictures from Logic: How You and I (Should) Reason*, Stand van de Wetenschap,  
Spui 25, Amsterdam.

*Natural Language and Natural Logic*, Helios Taalcafé, Amsterdam.

**2015**

*Iedereen Kan Logisch Denken*, Rotary Santpoort.

*Logisch Denken: Van Abstracte Norm tot Concreet Gedrag*, Culturele Kring “Adriaen Poirters”, Oisterwijk.

**2017**

*Denken Kan Niet Zonder Beelden*, Instituut voor Beeldtaal, Amsterdam.

*Hoe Werkt Logisch Denken?*, Winterlezing, Zaanland College, Purmerend.

**2018**

*Common Sense en Wetenschap*, Westhoeklezing Burch Haamstede & University College Roosevelt, Middelburg.

On the Dynamics of Logic, Philosophical Institute, Lund University, podcast

<https://soundcloud.com/user-37204585/11-johan-van-benthem-on-the>

**17 Editorial Activities (selection)**

***Managing Editor***

Journal of Logic, Language and Information	1991–1996
Logic and Computation	1990–2014
Journal of Symbolic Logic (coordinating editor)	1989–1993
Linguistics and Philosophy	1989–1992
Studies in Logic & Foundations of Practical Reasoning	2002–2006
Transactions on Computational Logic	2005–2009
Editor-in-Chief, Texts in Logic and Games	2006–2009
Journal of Applied Logic	2002–2005
Stanford Encyclopedia of Philosophy	2009–present
Synthese	2005–2012

***Nominating Editor***

The Philosopher's Annual	1988–present
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***Advisory Board***

Synthese (chair)	2012–2014
Studies in Logic, first Chinese logic journal	2008–present
Handbook of the History of Logical Thought in China	2014–present
Journal of Philosophical Logic	2008–present

***Member of Editorial Boards***

Journal of Philosophical Logic
Studia Logica
Logic Journal of the Interest Group in Pure and Applied Logics
Logic and Computation
Language and Computation
Logic, Epistemology, and the Unity of Science
Knowledge, Rationality and Action
Lecture Notes in Logic, Language and Information (LNLLI)
Logical Investigations

Ratio  
 Theoria  
 Universal Logic  
 Logic in Asia  
 Journal of Indian Council of Philosophical Research  
 Open Philosophy

## **Teaching and supervision**

### **18 Regular courses**

Regular courses taught at the University of Amsterdam, University of Groningen, Stanford University, Tsinghua University, and Simon Fraser University.

#### **Introductory Courses**

Logic {mathematicians, philosophers, linguists, computer scientists}  
 Mathematics {mathematicians, computer scientists, humanities students}  
 Philosophy {philosophers, mathematicians}  
 Cognitive science

#### **Mathematical Logic**

Lambda Calculus and Proof Theory  
 Model Theory  
 Recursion Theory  
 Set Theory

#### **Philosophical Logic**

Conditionals and Causality  
 Formal Philosophy of Science  
 Game-Theoretical Logic  
 General Intensional Logic  
 Modal Logic  
 Temporal Logic  
 Logic in Philosophy  
 The Role of Logic in Modern Philosophy  
 Epistemic Logic, Information Update, and Communication

#### **Logic and Linguistics**

Categorial Grammar  
 Logical Semantics (Generalized Quantifiers, Natural Logic)  
 Montague Grammar

#### **Logic and Computer Science**

Dynamic Logic  
 Logics for Artificial Intelligence  
 Logic Programming  
 Semantics of Programming Languages  
 Reasoning and Programming

**Logic and Mathematics**

Logic and Category Theory  
 Non-Standard Analysis  
 Philosophy of Mathematics  
 Universal Algebra  
 Advanced Modal Logic

**Varia**

History of Logic  
 Linear Algebra  
 Theory of Argumentation  
 Logic and Game Theory

**19 Incidental courses (selection)**

- 1976 *Modale Logica voor Linguïsten*, Universiteit Antwerpen.  
 1977 *Formal Systems*, Wiskundig Genootschap, Amsterdam.  
 1980 *Modal Logic and Model Theory*, University of Gothenburg.  
 1982 *New Directions in Semantics*, University of Oslo.  
 1984 *Mathematics for humanities students*, Stanford.  
 1986 *Categorical Grammar and Lambda Calculus*, Bulgarian Summer School in Applied Logic, Druzhba.  
 1992 *Temporal Logic*, Course of Lectures, Summer School on Temporal Reasoning, Centre for Middle European Philosophy, Bolzano.  
 1992 *Abstract Proof Theory*, Course of Lectures, Fourth European Summer School in Logic, Language and Information, University of Essex, Colchester.  
 [With Dov Gabbay.]  
 1992 *Dynamic Logic of Information*, Course of Lectures, Autumn School in Logic and Artificial Intelligence, Udine.  
 1995 *A Course in Logical Semantics*, Institute for Research in Cognitive Science (IRCS), University of Pennsylvania, Philadelphia.  
 1995 *Proof Theory and Natural Language*, 7th European Summer School in Logic, Language and Information, Barcelona.  
 1995 *Dynamic Logic and Information Flow*, one-week lecture course and workshop, Chiba University, Tokyo.  
 1996 *Dynamic Logic and Information Flow*, course of lectures, 8th ESSLLI Summer School, Prague.  
 2000 *From Logic to Game Theory*, mini-course, Athens University.  
 2001 *Update Logics*, invited tutorial, TARK VIII, Siena.  
 2001 *Logical Dynamics*, lecture series, distinguished visitor, Taiwan National Research Council.  
 2001-2003 *How Mathematics Works*, general public evening course, three years, University of Amsterdam.  
 [With Robbert Dijkgraaf and Jan Jaspars.]  
 2006 *Course on Games and Logic*, Cambridge University, Summer School European GAMES Network.  
 2007 *Tutorial on Logic and Games*, London, ILLC/LSE/Lausanne Workshop.

- 2008 *Logic and Information Dynamics*, lecture series Tsinghua University, Beijing.
- 2010 *Logic and Rational Agency*, ESSLLI Copenhagen.
- 2011 *Logic in Action*, open internet course, 23d ESSLLI Summer School, Ljubljana.  
[With Jan van Eijck and Jan Jaspars.]
- 2016 *A Logician Looks at Games (and they look back)*, mini-course, Epicenter Maastricht.
- 2016 *Logic and Agency*, highlight course, NASSLLI 2016 (North American Summer School of Logic, Language and Information), Rutgers University.
- 2016-8 *Logic in Action*, series of video lectures, Summer School on Logic & Agency, University of Hokkaido, Sapporo.

## 20 Lecture notes

- 1972 Logika I
- 1972 Modale Logika
- 1973 Logika II
- 1974 Inleiding Filosofische Logika
- 1975 Argumentatieleer
- 1975 Logika 0
- 1975 Montague Grammatika
- 1976 Filosofische Logica
- 1977 Mathematische Logica
- 1977 Wiskundige Logika
- 1978 Inleiding Logika
- 1979 Logika in Vogelvlucht
- 1979 Formele Methoden in de Wetenschapsfilosofie
- 1980 Inleiding Semantiek
- 1980 Modeltheorie
- 1980 The Logic of Time
- 1981 Verzamelingenleer
- 1983 Theoretische Informatica
- 1985 Logic Programming
- 1986 Inleiding Logica
- 1987 Non-standaard Analyse
- 1987 Semantiek van Programmeertalen
- 1989 Logica en Artificiële Intelligentie
- 1989 Categorical Grammar and Lambda Calculus
- 1991 Logical Semantics of Programming
- 1993 Logica en Informatica, Open University
- 1993 Recursion Theory
- 1998 Programmeren en Redeneren
- 2000 Redeneren en Implementeren
- 2000-2003 Logic in Games,  
successive lecture versions
- 2002 Hoe Wiskunde Werkt
- 2014 Logic in Action
- 2015 Mathematical Modal Logic

## 21 Master's theses supervised

### Philosophy

- 1974 Job van Eck
- 1975 Zeno Swijtink
- 1978 Jan van Eijck
- 1980 Henk Zandvoort
- 1982 Jan Tollenaar, Kees de Bakker
- 1983 Pieter Dijkstra, Jan Stegeman, Victor Sanchez, Elias Thijsse
- 1984 Frans Velthuis, Frens Dols, Frank de Boer, Bauke Posma
- 1986 Rob de Moes, Wim Koole, Wilfried Meyer Viol, Yao–Hua Tan
- 1987 Bart Heupers
- 1988 Paul van Ulsen, Rene Vondeling
- 1989 Tijn Borghuis, Maarten de Rijke
- 1991 Giovanna Cepparello

### Mathematics

- 1979 Bert de Brock
- 1982 Ed Brinksma, Herman Balsters, John Vredeveld
- 1983 Geerten Kuiper
- 1985 Jan–Anne Hogendorp
- 1986 Wiebe van der Hoek, Peter Weyland
- 1987 Yde Venema, Alban Ponse
- 1988 Rochus van der Doef, Jan Ketting, Jan Jaspars
- 1992 Martijn Spaan
- 1994 Lennart de Vries, Ariëtte Köhler
- 1995 Joeri Engelfriet
- 2000 Boudewijn de Bruin

### Computer science

- 1992 Peter de Jong

### Logic

- 1997 Marc Pauly
- 2001 Ben Rodenhäuser
- 2002 Youri Netchitajlov
- 2003 Guillaume Aucher, Tanja Hoette
- 2004 Fenrong Liu, Spencer Gerhard, Ji Ruan
- 2005 Floris Roelofsen
- 2007 Harald Bastiaanse
- 2010 Yacin Hamami, Matt Wampler–Doty, Lorenz Demeij, Alexandru Marcoci
- 2011 Irma Cornelisse
- 2014 Stefanie Kooistra

## 22 Dissertations supervised

**1982**

Job van Eck, *A System of Temporally Relative Modal and Deontic Predicate Logic and its Philosophical Applications*

**1983**

Theo Janssen, *Foundations and Applications of Montague Grammar*, coreferent.

**1984**

Jeroen Groenendijk & Martin Stokhof, *Studies on the Semantics of Questions and the Pragmatics of Answers*

Jack Hoeksema, *Categorial Morphology*

**1985**

Jan van Eijck, *Aspects of Quantification in Natural Language*

Frank Veltman, *Logics for Conditionals*

**1986**

Frans Zwarts, *Categoriale Grammatica en Algebraische Semantiek.*

*Een Onderzoek naar Negatie en Polariteit in het Nederlands*

Piet Rodenburg, *Intuitionistic Correspondence Theory*

Christian Bennet, *On Some Orderings of Extensions of Arithmetic*, coreferent.

**1987**

Kees Doets, *Completeness and Definability. Applications of the Ehrenfeucht Game in Second-Order and Intensional Logic*

Michiel van Lambalgen, *Random Sequences*

**1988**

Michael Moortgat, *Categorial Investigations. Logical and Linguistic Aspects of the Lambek Calculus*

**1989**

Reinhard Muskens, *Meaning and Partiality*

Leonoor Oversteegen, *Tracking Time. Representing Temporal Expressions in Dutch*

**1990**

Patrick Blackburn, *Nominal Tense Logic and Other Sorted Intensional Frameworks*

Sjaak de Mey, *Determiner Logic or the Grammar of the NP*

**1991**

Victor Sánchez, *Studies on Natural Logic and Categorial Grammar*

Kees van Deemter, *On the Composition of Meaning. Four Variations on the Theme of Compositionality in Natural Language Processing*

Dirk Roorda, *Resource Logics: Proof-Theoretical Investigations*

**1992**

Elias Thijsse, *Partial Logic and Knowledge Representation*

Jaap van der Does, *Applied Quantifier Logics. Collectives and Naked Infinitives*

Wiebe van der Hoek, *Modalities for Reasoning about Knowledge and Quantities*



Yde Venema, *Many-Dimensional Modal Logic*

Yao Hua Tan, *Non-Monotonic Reasoning: Logical Architecture and Philosophical Applications*

Heinrich Wansing, *The Logic of Information Structures*

### 1993

Edith Spaan, *Complexity of Pure and Applied Intensional Logics*

Maarten de Rijke, *Extended Modal Logics*

### 1994

Jan Jaspars, *Calculi for Constructive Communication*

Makoto Kanazawa, *Learnable Classes of Categorical Grammars*

### 1995

Maarten Marx, *Relativized Relation Algebras and Arrow Logic*

Andreja Prijatelj, *Studies on Bounded Contraction*

Giovanna Cepparello, *Studies in Dynamic Logic*

Wilfried Meyer Viol, *Instantial Logic*

Szabolcs Mikulas, *Taming Logics*

Natasha Kurtonina, *Frames and Labels*

Marianne Kalsbeek, *Meta-Logics for Logic Programming*

Willem Groeneveld, *Logical Investigations in Dynamic Semantics*

Natasha Alechina, *Modal Quantifiers*

### 1996

Martin van den Berg, *The Internal Structure of Discourse*

Angelo Montanari, *Metric and Layered Temporal Logic for Time Granularity*

### 1997

Natasha Rakic, *Common Sense Time and Special Relativity*

Atocha Aliseda Llera, *Seeking Explanations: Abduction in Logic, Philosophy, and AI*

### 1998

Leonie de Smet, *Mass Terms and Plurals in French*

Sjoerd Zwart, *Verisimilitude and Truthlikeness*

Marco Hollenberg, *Logic and Bisimulation*

Giovanna d'Agostino, *Modal Logic and Non-Well-founded*

*Set Theory: Bisimulation, Translation, and Interpolation*

### 2000

Paul van Ulsen, *Evert Willem Beth als Logicus*

Hans van Ditmarsch, *Knowledge Games*

Carlos Areces, *Logic Engineering*

### 2001

Gwen Kerdiles, *How to Say it with Pictures: A Logical Landscape of Conceptual Graphs*

Marc Pauly, *Logic for Social Software*

### 2002

Marco Aiello, *Visual Reasoning and Image Processing*

**2004**

External examiner: Tero Tulenheimo, *Modal IF Logic*, Helsinki  
 Boudewijn de Bruin, *Explaining Games. Assumptions of Game Solution Concepts*

**2005**

Balder ten Cate, *Model Theory for Extended Modal Languages*  
 Darko Sarenac, *Modal Logics of Spatial Products*

**2006**

Sieuwert van Otterloo, *Preference Logics in Games*  
 Merlijn Sevenster, *Semantics and Complexity Theory of Imperfect Information Games*

**2008**

Patrick Girard, *Conditional and Preference Logics for Belief Revision*  
 Fenrong Liu, *Changing for the Better*  
 Olivier Roy, *Plans, Logic, and Philosophy of Action*

**2009**

Jakub Szymanik, *Quantifiers, Complexity, and Cognition in Natural Language*  
 Tomohiro Hoshi, *Epistemic Dynamics and Protocol Information*

**2010**

Cédric Dégrémont, *The Temporal Mind, Belief Change in Interactive Systems*  
 Jonathan Zvesper, *Playing with Information*  
 Amélie Gheerbrant, *Fixed-point Logics for Trees*  
 Gaëlle Fontaine, *Modal Fixed-Point Logics*  
 Nina Gierasimczuk, *Knowledge in the Limit, Logic and Learning Theory*

**2011**

Fernando Velazquez Quesada, *Small Steps in the Dynamics of Information*  
 Stefan Minica, *Questions and Dialogical Logics*  
 Lena Kurzen, *Designing Games and Modulating Complexity*

**2012**

Jeremy Myers, *Locations, Bodies, and Sets: A Model-theoretic Investigation  
 into Nominalistic Mereologies*  
 Wesley Holliday, *Knowing What Follows: Epistemic Closure and Epistemic Logic*

**2013**

Thomas Icard, *The Algorithmic Mind: A Study of Inference in Action*

**2015**

Shengyang Zhong, *Orthogonality and Quantum Geometry*

**2016**

Zoé Christoff, *Dynamic Logics of Networks: Information Flow and Spread of Opinions*

**2017**

Giovanni Cinà, *Category Theory for the Working Modal Logician*  
 Peter Hawke, *The Problem of Epistemic Relevance*  
 Shane Steinert-Threlkeld, *New Questions about Compositionality*

**2018**

External examiner: Rasmus Rendsvig, *Logical Dynamics and Dynamical Systems*, Lund

## Ph. D. Committees at Stanford since 1991

Makoto Kanazawa (linguistics), Sun-Yoo Shin (philosophy), Eric Jackson (philosophy), Mun-Kew Leong (philosophy), Mark Greaves (philosophy), Nir Friedman (computer science), Tom Costello (computer science), Thomas Hofweber (philosophy), Alan Bush (philosophy), Sasa Buvac (computer science), Patrick Scotto di Luzio (philosophy), Lauren Aaronson (philosophy), Bernd Finkbeiner (computer science), Aarati Parmar (computer science), Bill MacCartney (linguistics).

## Organization

### 23 Larger research projects and grants (selection)

#### 1990

*Semantic Parallels in Natural Language and Computation*, 3-year project, National Facility for Informatics, Universities of Amsterdam and Utrecht. With Jan van Eijck and Albert Visser.

#### 2003

*Talentenkracht*, national project on exploring talents of preschool children. With Robbert Dijkgraaf and Jan de Lange.

#### 2006

*Logic, Games, and Social Software*, NIAS (Netherlands Institute for Advanced Studies). With Jan van Eijck and Rineke Verbrugge.

#### 2011

"Logic and Intelligent Interaction", European-wide project, European Science Foundation. With Samson Abramsky, Gabriel Sandu, Erich Graedel, and many others.

#### 2014

"Language in Interaction", national project on cognitive science, Amsterdam and Nijmegen. With Anne Cutler, Peter Hagoort, and Pieter Muysken.

### 24 Events organized

#### 1987

Symposium 'Categorial Grammar', Amsterdam (with Ewan Klein).  
Eighth International Congress for Logic, Methodology and Philosophy of Science, Area Chair, Moscow, 1987.

#### 1991

Workshop 'Logic and Information Flow', Semantic Parallels Project, Amsterdam, (with Jan van Eijck & Albert Visser).

#### 1992

First Workshop 'Logic, Language and Computation', Center for the Study of Language and Information, Stanford University, (with Makoto Kanazawa & Chris Piñon).  
Workshop 'Computational Semantics', COLING, Nantes, (with Hans Uszkoreit).  
FoLLI Symposium 'Reasoning with Uncertainty', Fourth European Summer School in Logic, Language and Information, Colchester, (with Dov Gabbay).

**1993**

Second Workshop 'Logic, Language and Computation', CSLI, Stanford University,  
(with Makoto Kanazawa, Chris Piñon & Henriëtte de Swart).

Workshop 'Temporal and Spatial Reasoning', IJCAI, Chambéry,  
(with Frank Anger & Hans-Juergen Guesgen).

Workshop 'Integrating Logic and Linguistics', Handbook of Logic and  
Language, Amsterdam, (with Alice ter Meulen).

**1994**

Third Workshop 'Logic, Language and Computation', CSLI, Stanford University,  
(with Atocha Aliseda-Llera, Maria Eugenia Nino & Stanley Peters).

Conference 'Logic and Argumentation Theory', Royal Dutch Academy of  
Sciences, Amsterdam, (with Frans van Eemeren & Rob Grootendorst).

**1995**

Fourth Workshop 'Logic, Language and Computation', CSLI, Stanford University,  
(with Atocha Aliseda-Llera, Yookyung Kim & Stanley Peters).

Chair, General Program Committee, Tenth International Congress of Logic,  
Methodology & Philosophy of Science, Florence, (with Kees Doets).

Authors Workshop, Handbook of Logic and Language, Amsterdam,  
(with Alice ter Meulen).

**1996**

Conference Chair, Fifth International Congress "Theoretical Aspects of  
Reasoning About Knowledge".

Fifth Workshop 'Logic, Language and Computation', CSLI Stanford University,  
(with Atocha Aliseda-Llera, Jean Braithwaite & Henriëtte de Swart).

**1997**

Sixth Workshop 'Logic, Language and Computation', CSLI, Stanford University, (with  
Martina Faller, Rob van Glabbeek, Grisha Mints & Henriëtte de Swart).

**1998**

Seventh Workshop 'Logic, Language and Computation', CSLI, Stanford University,  
(with Martina Faller, Rob van Glabbeek, David Israel & David Beaver).

Co-Chair [with W. Hodges], Logic Session, "Paideia", Twentieth World  
Congress of Philosophy, Boston.

**1999**

'From Image Processing to Visual Reasoning', CSLI, (with John Etchemendy).

Eight Workshop 'Logic, Language and Computation', CSLI, Stanford University, (with  
Dave Barker-Plummer, Rob van Glabbeek, David Israel & David Beaver).

'Logic as an Information Science', Second Panhellenic Logic Symposium,  
Delphi, with Aneta Sinachopoulos.

Logic, Universal Algebra and Theoretical Computer Science, Johannesburg.

**2000**

Ninth Workshop 'Logic, Language and Computation', CSLI, Stanford University,  
(with Grigori Mints, Rob van Glabbeek, David Israel & David Beaver).

Topic Area Chair, Pure and Applied Practical Reasoning, London.

**2001**

Program Chair TIME 2001, Cividale del Friuli.

Program Chair TARK VIII, Siena.

Tenth Workshop 'Logic, Language and Computation', CSLI, Stanford University,  
(with Grigori Mints, Rob van Glabbeek, David Israel & David Beaver).

General Chair TIME 2001, Udine. Steering Committee TIME International  
symposia on temporal representation and reasoning.

**2002**

Program Director, NASSLLI-I, First North–American Summer School in Logic,  
Language and Information, Stanford.

Workshop Games, Logic and Computation, NASSLLI 1, Stanford, (with Yoav Shoham).

Area Chair, Philosophical Logic, Twelfth International Congress of Logic,  
Methodology & Philosophy of Science, Oviedo.

Organizing Committee, Philosophical Insights into Logic and Mathematics, Nancy.

**2003**

Workshop on Spatial Reasoning, Second North–American Summer School  
in Logic, Language and Information (NASSLLI-2), Bloomington,  
(with Marco Aiello, Guram Bezhanishvili and Darko Sarenac).

Workshop on Logics of Space, Amsterdam, (with Darko Sarenac).

**2004**

The Week of Learning and the Brain, (with national committee NWO , OECD–CERI).

Handbook of Modal Logic, expert workshop with authors, local organizer Amsterdam,  
(with Patrick Blackburn and Frank Wolter).

Guarded Fragments, workshop ESSLLI Nancy 2004.

Changing Minds, the logic and psychology of belief revision, Amsterdam 2004.

The Dynamics of Reason, philosophy of science and logic to–day, Amsterdam 2004.

**2005**

Organizing Committee, First Indian Conference on Logic and its Relationship  
with Other Disciplines, Indian Institute of Technology, Mumbai.

First International Workshop on the Philosophy of Information, Amsterdam  
(with Pieter Adriaans).

**2006**

Authors Workshop, Handbook of Modal Logic, Amsterdam, (with Patrick Blackburn  
and Frank Wolter).

**2007**

Organizing Committee, Indian Logic Conference in Honour of Matilal, Calcutta.

General Chair, Logics for Rationality and Interaction, Beijing.

**2008**

Logic meets Epistemology, informally, Stanford: Chair Program Committee.

Proofs, Reasons and Games, Tsinghua University Beijing.

E. W. Beth Centennial Conference, Amsterdam.

**2009**

Co–organizer, Games, Logic and Computation XVI, Generalized Quantifiers:  
Formal Semantics Meets Computation and Cognition, Amsterdam.

**2010**

- Logics of Communication, Lorentz Center Leiden, (with Ram Ramanujam & Rineke Verbrugge).
- Philosophy of Information and Computation, Lorentz Center Leiden, (with Jan van Leeuwen and others).
- Co-organizer, Games Logic and Computation XVII, Logic and Games Today, Amsterdam, (with Cédric Dégrémont and Jonathan Zvesper).
- SOCREAL Conference on Logic, Ethics and Social Reality, Sapporo, Japan, (with Tomoyuki Yamada).
- A Door to Logic, Logical Research in China today, Beijing, May, (with Fenrong Liu).
- Logic, Rational Agency and Games, ESSLLI Summer School Copenhagen, (with Eric Pacuit).
- The History of Logic in China, Institute for Asian Studies Leiden, UvA & KNAW, (with Fenrong Liu & Jeremy Seligman).

**2011**

- Logic and Philosophy Today, JICPR Workshop, University of Delhi, 4–5 January, (with Amitabha Gupta).
- Logic and Methodology, CSLI Workshop Stanford, 14–15 May, (with Bas van Fraassen & Kevin Kelly).
- Logic, Cognition and Reasoning, ASL Summer Meeting, Barcelona, July, (with Ian Pratt–Hartmann).
- Philosophical Logic and Agency, Beth Symposium, DLMPS Congress, Nancy, (with Gerhard Heinzmann & Henk Visser).

**2012**

- Modeling Strategic Reasoning, Lorentz Center, Leiden, February, (with Sujata Ghosh and Rineke Verbrugge).
- First CSLI Workshop on Logic and Rational Interaction, Stanford, June (with Wes Holliday, Tomohiro Hoshi, Thomas Icard, and Shane Threlkeld–Steiner).

**2013**

- Opening event ILLC Tsinghua Joint Research Center in Logic, University of Amsterdam (with Peter van Ormondt).
- Logic across the University: Foundations and Applications, Tsinghua University (with Fenrong Liu).

**2014**

- Third CSLI Workshop on Logic, Rationality and Intelligent Interaction (with JT Chipman, Peter Hawke, Thomas Icard, and Shane Steinert–Threlkeld).
- Trends in Logic Today, Opening JRC ILLC–Tsinghua University, (with Fenrong Liu).

**2015**

- SMART Workshop on Communication and Agency, Amsterdam Brain and Cognition Initiative, (with Jakub Szymanik).
- Fourth CSLI Workshop on Logic, Rationality and Intelligent Interaction (with JT Chipman, Kris Mierzewski, Grace Paterson, John Turman, Yafeng Wang).

**2016**

Unified Correspondence Theory, Workshop Lorentz Center Leiden  
(with Willem Conradie and Alessandra Palmigiano).

Fifth CSLI Workshop on Logic, Rationality and Intelligent Interaction

(with Th. Icard, W. Holliday, JT Chipman, Kris Mierzewski, Michael Cohen,  
Dave Gottlieb and Francesca Zaffora Blando).

**2017**

Sixth CSLI Workshop on Logic, Rationality and Intelligent Interaction

(with Th. Icard, JT Chipman, Kris Mierzewski, Michael Cohen, Ben Sparkes, Declan  
Thomson, Dave Gottlieb, and Francesca Zaffora Blando).

**2018**

Jin Yue Lin Start Workshop, Tsinghua University Beijing

(with Fenrong Liu).

Seventh CSLI Workshop on Logic, Rationality and Intelligent Interaction

(with Th. Icard and Stanford logic graduate students)

**Program committees (selection)**

ASL Logic Colloquium, IJCAI, TARK, ESSLLI, WoLLIC, Tbilisi Symposia, AiML, WOCFAI, JELIA,  
LACL, De Morgan Workshops, Logic and Language, FotFS, LOFT, TIME, IMLA, CONTEXT,  
Logic and Multi-Agent Systems AMAS, LORI, Formal Ontology, Methods for Modalities,  
Universal Logic, Common Sense, Computer Science Logic, DaLI.