

CONTACT

Department of Artificial Intelligence
Bernoulli Institute for Mathematics, Computer Science & Artificial Intelligence
University of Groningen
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ACADEMIC EMPLOYMENT

- 09/2020 – date **Assistant Professor & Rosalind Franklin Fellow**
Cognitive Artificial Intelligence
Multi-Agent Systems Group
Bernoulli Institute for Mathematics, Computer Science & Artificial Intelligence
University of Groningen
- 01/2017 – 08/2020 **Postdoctoral Researcher**
Social Epistemology & Epistemic Logic
Department of Philosophy
University of Bayreuth
DFG/GACR project “From Shared Evidence to Group Attitudes”
- 01/2016 - 12/2016 **Postdoctoral Researcher**
Opinion Formation in Autonomous Systems
Department of Computer Science
University of Liverpool
ESPRC project “Foundations of Opinion Formation in Autonomous Systems”.
- 05/2012 – 12/2015 **PhD Candidate**
Institute for Logic, Language and Computation (ILLC)
University of Amsterdam
ERC project “The Logical Structure of Correlated Information Change”.
- 09/2010 – 08/2011 **Teaching Assistant in Logic**
Department of Philosophy
University of Geneva
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EDUCATION

- 2012 – 2016 **PhD in Logic**
Institute for Logic, Language and Computation (ILLC)
University of Amsterdam
Thesis title: *Dynamic Logics of Networks. Information Flow and the Spread of Opinion.*
Advisors: Johan van Benthem, Sonja Smets
Committee: Jan van Eijck, Davide Grossi, Vincent Hendricks, Fenrong Liu, Olivier Roy, and Frank Veltman
- 2009 – 2012 **MA of Philosophy**
Department of Philosophy
University of Geneva
Thesis title: *The Lottery Paradox*
Supervisor: Pascal Engel
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PUBLICATIONS

Refereed journal papers:

1. [Tracking the Truth by Selecting Good Data: Coherence Measures and Data Selection](#), with Edoardo Baccini, Ludi van Leeuwen and Rineke Verbrugge, *Synthese* 207:88, 2026.
2. [On the Graph Theory of Majority Illusions: Theoretical Results and Computational Experiments](#), with Maaïke Venema-Los and Davide Grossi, *Journal of Autonomous Agents and Multi-Agent Systems (JAAMAS)* 39:39, 2025.
3. [Dynamic Logics of Diffusion and Link Changes](#), with Edoardo Baccini and Rineke Verbrugge, *Studia Logica*, Volume 113, pp. 1245–1315, 2025.
4. [The Wisdom of Small Crowds: Myside Bias and Group Discussion](#), with Edoardo Baccini, Stephan Hartmann and Rineke Verbrugge, *Journal of Artificial Societies and Social Simulations (JASSS)*, 26-4, 2023.
5. [Priority Merge and Intersection Modalities](#), with Norbert Gratzl and Olivier Roy, *Review of Symbolic Logic*, 15(1):165-196, 2021.
6. [Dynamic Epistemic Logic of Diffusion and Prediction in Threshold Models](#), with Alexandru Baltag, Rasmus K. Rendsvig and Sonja Smets, *Studia Logica*, Volume 107, Issue 3, pp. 489–531, 2019.
7. [Social Network Diffusion with Recalcitrant Agents](#), with Pavel Naumov, *Journal of Logic and Computation (JLC)*, Volume 29, Issue 1, pp. 53–70, 2019.
8. [Reflecting on Social Influence in Networks](#), with Jens U. Hansen and Carlo Proietti, extended version, in E. Lorini, L. Perrussel, and R. Mühlenbernd (Eds.), Special Issue: Information Dynamics in Artificial Societies, *Journal of Logic, Language and Information (JOLLI)*, Volume 25: 3, pp.299–333, 2016.
9. [A Logic for Diffusion in Social Networks](#), with Jens U. Hansen, *Journal of Applied Logic (JAL)*, Volume 13, Issue 1, pp. 48–77, March 2015.

Refereed conference papers:

10. [Balance and Diffusion as Network Games](#), with Edoardo Baccini, Bonne Jongsma and Mina Young Pedersen, [LOFT 2026 – 16th Conference on Logic and the Foundations of Decision and Game Theory](#), London, 24-26 June 2026.
11. [Who’s Afraid of Minimal Revision?](#), with Edoardo Baccini, Nina Gierasimczuk and Rineke Verbrugge, in Adam Bjørndahl (ed), *Proceedings Twentieth Conference on Theoretical Aspects of Rationality and Knowledge (TARK 2025)*, Electronic Proceedings in Theoretical Computer Science 437, pp. 301–320.
12. [Reasoning about Coalitional Ability in Network Threshold Models](#), with Thomas Ågotnes, in Duon van Hai, Shinobu Hasegawa, Hieu Dinh Vo, Son Nguyen (eds), *Proceedings of the 17th Conference on Knowledge and System Engineering (KSE2025)*, Da Lat, November 6-8 2025.
13. [Limited Voting for Better Representation?](#), with Maaïke Venema-Los and Davide Grossi, *Proceedings of ECAI 2024 – 27th European Conference on Artificial Intelligence*, 19-24 October 2024, Santiago de Compostela.
14. [Cascading Power](#), with Thomas Ågotnes, in: Hao, D., Li, B., Nath, S., Todo, T., Zhao, D. (eds), *Mechanism Design in Social Networks (MNET 2024)*, Communications in Computer and Information Science (CCIS), vol 2210 [Mechanism Design in Social Networks @IJCAI 2024](#), 33rd International Joint Conference on Artificial Intelligence (IJCAI 2024), Jeju 3–9.08.24.
15. [On the Graph Theory of Majority Illusions](#), with Maaïke Los and Davide Grossi, in Malvone, V., Murano, A. (eds), *Proceedings of the 20th European Conference on Multi-Agent Systems (EUMAS 2023)*. Lecture Notes in Computer Science, vol 14282.

16. [Comparing Dynamic Operators for Social Networks](#), with Edoardo Baccini, in R. Verbrugge (ed.), *Proceedings of Theoretical Aspects of Rationality and Knowledge (TARK) 2023*, EPTCS 379, pp. 66–81, July 2023.
17. Limited Voting for More Diversity?, with Maaïke Los and Davide Grossi, the 9th International Conference on Computational Social Choice (COMSOC 2023), Beersheba, July 3-5 2023.
18. [Proportional Budget Allocation: A Systematization](#), with Maaïke Los and Davide Grossi, proceedings of [IJCAI-ECAI 2022](#), 31st Joint International Conference on Artificial Intelligence, July 23-29, Vienna.
19. Opinion Diffusion in Similarity-Driven Networks, with Edoardo Baccini and Rineke Verbrugge, [Logic and the Foundations of Game and Decision Theory \(LOFT\) 2022 Conference](#).
20. Cascading Abilities in Networks, with Thomas Ågotnes, [Logic and the Foundations of Game and Decision Theory \(LOFT\) 2022 Conference](#).
21. [Revisiting Epistemic Logic with Names](#), with Marta Bílková and Olivier Roy, in J. Halpern and A. Perea (eds), *Proceedings of the Eighteenth Conference on Theoretical Aspects of Rationality and Knowledge (TARK XVIII-2021)*, EPTCS 335, pp. 39–54, 2021.
22. [Stability in Binary Opinion Diffusion](#), with Davide Grossi, in A. Baltag, J. Seligman, and T. Yamada (Eds.): *Proceedings of LORI VI – 6th International Conference on Logic, Rationality and Interaction*, Springer, Heidelberg, pp. 166–180, 2017.
23. [Binary Aggregation with Delegable proxy: An Analysis of Liquid Democracy](#), with Davide Grossi, *Proceedings of TARK 2017 – 16th Conference on Theoretical Aspects of Rationality and Knowledge*, EPTCS 251, pp. 134–150, 2017.
24. [Dynamic Epistemic Logic of Diffusion and Prediction in Threshold Models](#), with Alexandru Baltag, Rasmus K. Rendsvig and Sonja Smets, extended abstract, in *Proceedings of the Twelfth Conference on Logic and the Foundations of Game and Decision Theory (LOFT 16)*, 2016.
25. [Logics for Threshold Models and their Epistemic Extension](#), with Rasmus K. Rendsvig, in *Proceedings of Epistemic Logic for Individual, Social, and Interactive Epistemology (ELISIEM)*, Tübingen, Germany, August 11–15 2014.
26. [Reflecting on Social Influence in Networks](#), with Jens U. Hansen and Carlo Proietti, in *Proceedings of Information Dynamics in Artificial Societies Workshop (IDAS)*, Tübingen, Germany, August 18–22 2014.
27. [A Two-tiered Formalization of Social Influence](#), with Jens U. Hansen, in D. Grossi, O. Roy, and H. Huang (Eds.): *Proceedings of Logic Rationality and Interaction, 4th International Workshop, LORI-IV*, Hangzhou, China, October 9–12 2013, LNCS 8196, 68–81, Springer, Heidelberg, 2013.
28. [A Logic for Social Influence through Communication](#), in E. Lorini (Ed.): *Proceedings of Eleventh European Workshop on Multi-Agent Systems (EUMAS 2013)*, CEUR Vol-1113, 31–39, 2013.

Refereed workshop papers:

29. Common Enough Knowledge and Collective Action (extended abstract), with Thomas Ågotnes, [Modality in Logic and Language](#), The 5th Tsinghua Interdisciplinary Workshop on Logic, Language, and Meaning (TLLM 2026), Beijing, April 3-5 2026.
30. Reasoning about Cascading Ability in Social Networks, with Thomas Ågotnes, proceedings of [NE-TREASON@ECAI2020](#), Reasoning About Social Networks Workshop, 24th European Conference on Artificial Intelligence, 7 September 2020.

Invited book chapter:

31. [Logical Models of Informational Cascades](#), with Alexandru Baltag, Jens U. Hansen, and Sonja Smets, in J. van Benthem and F. Liu (Eds.): *Logic across the University: Foundations and Applications*, Studies in Logic, Volume 47, 405–432, College Publications, London, 2013.

Edited volumes:

- 32. *Logic and Interactive Rationality: Yearbook 2012, Volume I*, (with P. Galeazzi, N. Gierasimczuk, A. Marcoci, and S. Smets), Institute for Logic Language and Computation, Amsterdam, 2014.
- 33. *Logic and Interactive Rationality: Yearbook 2012, Volume II* (with P. Galeazzi, N. Gierasimczuk, A. Marcoci, and S. Smets), Institute for Logic Language and Computation, Amsterdam, 2014.

Dissertations:

- 34. *Dynamic Logics of Networks – Information Flow and the Spread of Opinion*, PhD thesis, University of Amsterdam, ILLC Dissertation Series DS-2016-02, 2016.
- 35. *The Lottery Paradox* (in French), Master thesis supervised by Pascal Engel, available in print at the Philosophy Department Library of the University of Geneva, 2012.

Reports:

- 36. Report on [TARK 2017 – 16th Conference on Theoretical Aspects of Rationality and Knowledge](#) (with Louwe Kuiper), *The Reasoner*, Volume 11:9, pp. 65–66, 2017.

Abstracts:

- 37. Priority Merge and Intersection Modalities (with Norbert Gatzl and Olivier Roy), contributed abstract, accepted for SubstrE Symposium, [CLMPST – 16th International Congress on Logic, Methodology and Philosophy of Science and Technology](#), Prague, 5-10 August 2019.

In progress:

- 38. [On the Fragility of Majority Illusions](#), with Maaïke Venema-Los, Davide Grossi and Serte Donderwinkel ([Arxiv version: https://arxiv.org/pdf/2607.22132](#)).
- 39. “Common Enough knowledge” and Collective actions (extended version), with Thomas Ågotnes.
- 40. Balance and Diffusion as Network Games (extended version), with Edoardo Baccini and Mina Young Pedersen.
- 41. Varieties of Perfect Recall, with Olivier Roy.
- 42. Reasoning About Status, with Jeremy Seligman.

TEACHING AND SUPERVISION

BA/BSc courses:

Ethics in AI, BSc Artificial Intelligence, 5 ECTS, University of Groningen, Spring 2021, 2022, 2024, 2025, 2026.

Collective Rationality (with Soroush R. Rad), BA Philosophy & Economics (module “Advanced Decision Theory”), 6 ECTS, University of Bayreuth, Spring 2018.

Natural Deduction for First-Order Logic, part of the course Introduction to Logic, BA Philosophy & Economics, University of Bayreuth, Winter 2017.

Knowledge and Opinion Formation in Crowds, BA Philosophy & Economics, University of Bayreuth, Spring 2017, 6 ECTS (design and teaching).

Introduction to Logic (with Ghislain Guigon), BA Philosophy, University of Geneva, Winter 2010, 6 ECTS, (Weekly lecture summary presentation, exercise session, and grading for around 60 students).

MSc courses:

Fundamental Proofs in AI, MSc Artificial Intelligence, 5 ECTS, University of Groningen, from Fall 2026.

Collective Intelligence, MSc Artificial Intelligence, 5 ECTS, University of Groningen, Spring 2023, 2024, 2025.

Logical Aspects of Multi-Agent Systems, MSc Artificial Intelligence, 5 ECTS, University of Groningen, Spring 2021, 2022, 2023.

Logic, Knowledge, and Science (with Sonja Smets), MSc Logic, Institute for Logic, Language and Computation, University of Amsterdam, Spring 2015, 6 ECTS (teaching assistance).

Dynamic Epistemic Logic (with Alexandru Baltag), MSc Logic, Institute for Logic, Language and Computation, University of Amsterdam, Winter 2014, 6 ECTS (teaching assistance).

Topics in Dynamic Epistemic Logic (with Alexandru Baltag), MSc Logic, Institute for Logic, Language and Computation, University of Amsterdam Winter 2013, 6 ECTS (teaching assistance).

Formal Learning Theory (with Nina Gierasimczuk and Dick de Jongh), MSc Logic, Institute for Logic, Language and Computation, University of Amsterdam Spring 2013, 6 ECTS (teaching assistance).

Logic, Knowledge, and Science, MSc Logic (with Sonja Smets), Institute for Logic, Language and Computation, University of Amsterdam, Winter 2012, 6 ECTS (teaching assistance).

50 Years of Epistemic Logic, MSc Logic Summer Project, Institute for Logic, Language and Computation, University of Amsterdam, Summer 2012, 6 ECTS (proposal and organization of the project).

PhD courses/summer schools:

Social Networks for Logicians (with Pavel Naumov), [30th European Summer School in Logic, Language and Information \(ESSLLI\)](#), Logic & Computation track, Sofia, 6-17 August 2018 (proposal, design and preparation of the course material).

Other courses:

Language & Communication (in French), [HEIG – Haute École d’Informatique de Gestion de Genève](#), University of Applied Science, Geneva, 2005-2006.

Substitute teaching, middle and high schools levels, [Public Instruction Department](#), Geneva, 2004-2005.

PhD supervision:

[Maaike Venema-Los](#), *Collective Decision Making in Networks*, since September 2021, defence expected for January 2027 (promotor: Davide Grossi).

[Edoardo Baccini](#), *Logical and Computational Approaches to Dynamics of Intelligent Interaction*, Defended on 25 November 2025 (promotor: Rineke Verbrugge).

PhD assessment committees:

Daniil Khaitovich, *From Arbitrary Sets to Social Groups: Group Agency in Multi-agent Modal Logic*, 29 October 2026.

Mina Young Pedersen, *Malicious Agents and the Power of the Few : On the Logic of Abnormality in Social Networks*, 27 September 2024.

Zhu Rui, *Social Announcement Logic*, University of Auckland, 19 September 2024.

PhD defence committees:

Anna Mikhaylovskaya, *Strengthening Democracy with Digital Innovations*, November 2025.

Yuzhe Zhang, *Power and Truth in Liquid Democracy*, University of Groningen, November 2023.

Xingchi Su, *How Knowledge Affects Obligations: A Study on the Logic of Knowledge-Based Obligations*, University of Groningen, September 2022.

Yuri David Santos, *Evidence-Based Beliefs in Many-Valued Modal Logics*, University of Groningen, January 2021.

MSc/BSc AI thesis supervision:

Bonne Jongsma, MSc thesis, *Signed Threshold Graphs and their Logic – A study into the logic of behavior diffusion through a social network of friends and enemies*, 2024-2025.

Naomi Broersma, MSc thesis *Extending the Graph Theory of Majority Illusion*, 2024-2025.

12 BSc AI thesis projects supervised (since 2020).

TALKS

Invited talks at international conferences and workshops:

1. Balance and Diffusion as Network Games, [Workshop on Advances in Social Network Logic](#), Tsinghua University, Beijing, June 3-4 2026.
2. How Popular is This Opinion? From Majority Illusions to Threshold Models of Collective Actions, Keynote talk at the [10th International Conference on Logic, Rationality and Interaction \(LORI-10\)](#), Xi'an, October 16-19 2025.
3. Majority Illusions in Social Networks, Keynote talk at the [6th International Conference on Logic and Argumentation \(CLAR 2025\)](#), Taiyuan, June 14-16 2025.
4. The Illusion of Majority in Social Networks, Keynote at the [Triennial International Conference of the Italian Society for Logic and Philosophy of Science \(SILFS\)](#), Urbino, September 4-7 2023.
5. The Illusion of Majority in Social Networks, [The 2023 Amsterdam/St-Etienne Workshop on Social Choice](#), Amsterdam, March 27-28 2023.
6. The Illusion of Majority in Social Networks, [LMAS-2023: 2nd International Workshop on Logics of Multi-Agent Systems](#), Chongqing, March 25-26 2023.
7. Varieties of Perfect Recall (with Olivier Roy), [CELIA project workshop](#), Bayreuth, February 23-24 2023.
8. Priority Merge and Intersection: from group attitudes to collective truth-tracking, keynote, [EN-CODE Workshop Logic and Deliberation](#), Rotterdam, October 26-27 2021.
9. Forgetful Groups (with Olivier Roy), [SEGA Closing Workshop](#), Bayreuth, 18-20 July 2019.
10. Foundations of AI – The Logic of Social Phenomena, [Conference on Deliberation, Belief Aggregation, and Epistemic Democracy \(DBAED\) II](#), Paris 10-13 June 2019.
11. Logical Foundations of Social Influence & Networks, [Social Models of Meaning Acquisition \(SOMMA\) Workshop](#), Warsaw, 23-24 May 2019.
12. Stabilization in Opinion Diffusion, [Conference on Games, Networks and Social Epistemology](#), CUNY, New York, 20-21 April 2017.
13. Stability in Opinion Diffusion, [Workshop on Varieties of Pooling and Belief Merging](#), Bayreuth, 30 March 2017.

14. From Individual Opinions to Group Opinions (with Olivier Roy), [SEGA workshop on group attitudes](#), Bayreuth, 19-20 April 2018 .
15. From Proxy Voting to DeGroot Models (and Back), [Dutch Social Choice Colloquium](#), Amsterdam, 16 December 2016.
16. Proxy voting as Opinion Aggregation and Diffusion, [Logic of Correlated Information Change Workshop 2016](#), Amsterdam, 17-19 November 2016.
17. From DeGroot to Proxy Voting, [SEGA Project Kickoff Workshop](#), Prague, 19 September 2016.
18. From DeGroot Processes to Liquid Democracy, [Cadillac workshop](#), Copenhagen, 23–25 May 2016.
19. From DeGroot Processes to Liquid Democracy (with Davide Grossi), [Workshop Logical Dynamics of Social Influence and Information Change](#), Amsterdam, 22 March 2016.
20. Reflecting on Social Influence and Pluralistic Ignorance, [Contributed Symposium on Social Mistakes 15th Congress of Logic, Methodology and Philosophy of Science \(CLMPS\)](#), Helsinki, 6 August 2015.
21. Comment on Branden Fitelson’s talk: “Epistemic Utility Theory, Static and Dynamic Constraints on Rational Belief”, [Affiliated Meeting the Logical Structure of Correlated Information Change \(LogiCIC\)](#), 15th Congress of Logic, Methodology and Philosophy of Science (CLMPS), Helsinki, August 5 2015.
22. Beyond Collective “Flip-Flops” in Networks, [Workshop on Correlated Information Change](#), Amsterdam, 25 November 2014.
23. Dynamic Epistemic Logic for Threshold Models [Workshop The Logical Dynamics of Information, Agency and Interaction](#), Amsterdam, 3 October 2014.
24. A Minimal Dynamic Logic for Threshold Influence, [Modality & Modalities \(M&M\) 2014](#), Lund, 22–24 May 2014.
25. The Dynamics of Pluralistic Ignorance, [Social Dynamics of Information Change](#), LogiCIC Workshop 2013, Amsterdam, 4 December 2013.
26. Social Networks and Belief Merge Communication Protocols [Worskhop Tsinghua meets ILLC](#), Beijing, 18 October 2013.
27. Uncomputability and Logic: Gödel’s Incompleteness theorems, Computability and Philosophy, [Spring Meeting of the Swiss Graduate Society and Philosophy of Science \(SGSLPS\)](#), Bern, 5 April 2012.

Invited talks at research seminars and other events:

28. Network Structures and Collective Outcomes, Bernoulli Institute Opening, 25 August 2026.
29. Majority Illusions in Social Networks, School of Forensic Science (École des sciences criminelles), University of Lausanne, 16 May 2024.
30. Majority Illusions in Social Networks, Pittsburgh Formal Epistemology Workshop (PFEW), September 15 2024 (online).
31. Reasoning about Cascading Ability in Social Networks, [LIRa Seminar](#), Amsterdam, September 15 2022.
32. [The logic of social influence in networks](#), [TOPOS Institute Colloquim](#), Topos Institute, Berkeley (online), March 17 2022.
33. Priority Merge and Intersection: from group attitudes to collective truth-tracking, [TULIPS Series](#), Utrecht, November 9 2021.
34. Logics for Social Networks, Keynote talk at the [Berkeley-Stanford Circle in Logic and Philosophy](#), special event in celebration of World Logic Day, online, 16 January 2021.

35. Group Knowledge in Epistemic Logic with Names, [joint GroLog & LIRa seminars session](#), online, 3 December 2020.
36. Logical Foundations of AI: Social Influence & Networks, [BAIALab AI seminar](#), Bergen, Department of Information Science, 21 March 2019.
37. From Proxy Voting to DeGroot Diffusion Models, Research Forum, Department of Philosophy, Bayreuth, 31 January 2017.
38. Opinion Diffusion in Networks and Liquid Democracy, Robotics and Autonomous Systems Group Meeting, Department of Computer Science, Liverpool, 6 June 2016.
39. Dynamic Epistemic Logic for Threshold Influence, First Logic and Language (LoLa) Day @ ILLC, Amsterdam, 13 June 2014.
40. Dynamic (Epistemic) Logic for Threshold Models, [LIRa Seminar](#), Amsterdam, 8 May 2014.
41. Social Influence without Transparency, [Logic Tea Seminar](#), Amsterdam, 22 October 2013.

Contributed talks:

42. Reasoning about Cascading Ability in Social Networks, [14th Conference on Logic and the Foundations of Game Theory \(LOFT 2022\)](#), Groningen, 22-24 July 2022.
43. Reasoning about Cascading Ability in Social Networks (with Thomas Ågotnes), [Reasoning About Social Networks Workshop \(NETREASON@ECAI2020\)](#), 24th European Conference on Artificial Intelligence, (online), 7 September 2020.
44. Priority Merge and Intersection Modalities, [CLMPST – 16th International Congress on Logic, Methodology and Philosophy of Science and Technology](#), 5-10 August 2019.
45. Stability in Binary Opinion Diffusion (with Davide Grossi), [LORI VI – 6th International Conference on Logic, Rationality, and Interaction](#), Sapporo, 11-14 September 2017.
46. Binary Aggregation with Delegable proxy: An Analysis of Liquid Democracy, [TARK 2017 – 16th Conference on Theoretical Aspects of Rationality and Knowledge](#), Liverpool, 25 July 2017.
47. Dynamic Epistemic Logic of Diffusion and Prediction in Threshold Models, [Twelfth Conference on Logic and the Foundations of Game and Decision Theory \(LOFT 2016\)](#), Maastricht, 21 July 2016.
48. Reflecting on Social Influence in Networks, [Information Dynamics in Artificial Societies \(IDAS\)](#), Tübingen, 20 August 2014.
49. Dynamic Logics for Threshold Models and their Epistemic Extensions, [Epistemic Logic for Individual, Social and Interactive Epistemology, \(ELISIEM\)](#), Tübingen, 12 August 2014.
50. A Logic for Social Influence through Communication, [Logical Aspects of Multiagent Systems, 11th European Workshop on Multi-Agent Systems \(EUMAS\)](#), Toulouse, 13 December 2013.
51. A Two-tiered Formalization of Social Influence, [Fourth International Workshop on Logic, Rationality and Interaction \(LORI-IV\)](#), Hangzhou, 12 October 2013.
52. Social Influence through Communication [Decisions Games & Logic'13 \(DGL\)](#), Stockholm, 18.06.2013.

Outreach talks:

53. Collective Intelligence: When Many Heads Are Better Than Few, with Edoardo Baccini, European Researchers' Night (Science Battle), Groningen, 27 September 2024.
54. Biases in AI – from discrimination to misinformation, invited masterclass at the Groninger Juristen Congres – BrAIght Future: Does AI Change the Rules of Law?, 19 April 2024.
55. Panel discussion on “BrAIght Future: Does AI Change the Rules of Law?”, Groninger Juristen Congres, 19 April 2024.

ACADEMIC ACTIVITIES

Editorial committees:

Member of the Editorial Committee of the journal of analytical philosophy [Dialectica](#), since 2016.

Program committees:

[LORI-11](#), 11th International Conference on Logic, Rationality and Interaction, Shengdu, October 23-26 2027.

[LORI-10](#), 10th International Conference on Logic, Rationality and Interaction, Xi'an, October 16-19 2025.

[TARK 2025](#), XXth Conference on the Theoretical Aspects of Knowledge and Rationality, DÃijsseldorf, July 14-16 2025

[Logica 2025](#), Hejnice, 12-16 May 20225.

[LOFT 2024](#), 15th Conference on Logic and the Foundations of Game and Decision Theory, Bayreuth, 26 - 28 June 2024.

[WOLLIC 2024](#), 30th Workshop on Logic, Language, Information and Computation, Bern, 10-13 June 2024.

Program Chair of [Workshop on Formal Models of Social Networks and Democracy](#), Groningen, February 8-9 2024.

[RADICAL 2023](#), Third International Workshop on Recent Advances in Concurrency and Logic, Antwerp 18 September 2023.

[TbiLLC 2023](#), 14th International Tbilisi Symposium on Language, Logic, and Computation, Telavi, 18-22 September 2023.

[DaLi 2023 - Dynamic Logics - New Trends and Applications](#), Tbilisi, 15-16 September 2023.

[IJCAI-ECAI 2023](#), 32nd International Joint Conference on Artificial Intelligence, Cape Town, 19-25 August 2023.

[XIXth Conference on the Theoretical Aspects of Knowledge and Rationality \(TARK 2023\)](#), Oxford 28-30 June 2023.

[TbiLLC 2023](#), 14th International Tbilisi Symposium on Language, Logic, and Computation, Georgia, 18-22 September 2022.

[7th International Women in Logic workshop \(WiL 2023\)](#), Workshop, Rome, July 1 2023.

[IJCAI-ECAI 2022](#), 31st International Joint Conference on Artificial Intelligence, Vienna, 23-29 July 2022.

[LOFT 2022](#), 14th Conference on Logic and the Foundations of Game and Decision Theory, Groningen, (program committee member).

[IJCAI 2021](#), 30th International Joint Conference on Artificial Intelligence, Montreal, 21-26 August 2021.

[LOFT 2020](#), 14th Conference on Logic and the Foundations of Game and Decision Theory, Groningen, postponed to 2021, postponed to 2022.

[NETREASON@ECAI2020](#), Reasoning About Social Networks Workshop, 24th European Conference on Artificial Intelligence (ECAI 2020), online, 7 September 2020.

[IJCAI-PRICAI 2020](#), 29th International Joint Conference on Artificial Intelligence and the 17th Pacific Rim International Conference on Artificial Intelligence, Yokohama, 11-17 July 2020.

Thirty-Fourth AAAI Conference on Artificial Intelligence (AAAI-2020), New York, February 7-12 2020.

2nd Dynamic Logic: New Trends and Applications (DaLi) Conference, Porto, October 11 2019.

Thirteenth Conference on Logic and the Foundations of Game and Decision Theory (LOFT13), Milan, 16–18 July 2018.

27th International Joint Conference on Artificial Intelligence and the 23rd European Conference on Artificial Intelligence (IJCAI-ECAI-2018), Stockholm, 13–19 July 2018.

6th International Conference on Logic, Rationality and Interaction (LORI-VI), Sapporo, 11–14 September 2017.

Co-chair of the Logic and Computation track, ESSLLI 2014 Student Session, Tübingen, 11–22 August 2014.

Events organization:

Workshop on Formal Models of Social Networks and Democracy, Groningen, February 8-9 2024.

VvL first annual seminar and Master Thesis Award 2022, Groningen, December 8 2022.

GroLog Seminar, Logic seminar of the University of Groningen, since 2020.

Closing SEGA Project Workshop, Bayreuth, 18-20 July 2019.

Workshop on Group Attitudes, Bayreuth, 19-20 April 2018.

Varieties of Pooling and Belief Merging Workshop, Bayreuth, 30-31 March 2017.

Logical Dynamics of Social Influence and Information Change, Amsterdam, 22 March 2016.

11th Tbilisi Symposium on Logic, Language & Computation (TbiLLC 2015), Tbilisi, 21-26 September 2015.

Correlated Information Change LogiCIC Workshop, Amsterdam, 24-26 November 2014.

LogiCIC Mini-Workshop on The Dynamics of Information States, Amsterdam, 19 June 2014.

LogiCIC Mini-Workshop on Formal Epistemology, Amsterdam, 10 June 2014.

ILLC tutorial on Coherence by Branden Fitelson, Amsterdam, 3–30 June 2014.

Social Dynamics of Information Change, LogiCIC workshop 2013, Amsterdam, 2–4 December 2013.

Belief Change in Social Context, kick-off Workshop of the LogiCIC Project, Amsterdam, 14–15 December 2012.

Logical Structure of Correlated Information Change (LogiCIC) Seminar, Amsterdam, monthly, 2012-2015.

Logic and Interactive Rationality (LIRa) Seminar, Amsterdam, weekly, 2012-2015.

Reviewing:

Artificial Intelligence Journal (AIJ).

Journal of Logic and Computation (JLC).

European Political Science Review (EPSR).

Journal of Applied Logic (JAL).

Synthese.

Journal of Logic, Language and Information (JOLLI).

Philosophy Compass.

The 14th ACM Collective Intelligence Conference (CI 2026) and the 2026 ACM Conference on Human-AI Complementarity and Alignment (HCOMP 2026).

24th International Conference on Foundations of Software Science and Computation Structures (FoSSaCS21), ETAPS 2021.

Sixteenth International Conference on Autonomous Agents and Multi-agent Systems (AAMAS 2017).

9th Methods for Modalities Workshop (M4M9).

25th International Joint Conference on Artificial Intelligence (IJCAI-16).

Advance in Modal Logic (AiML 2016).

Workshop on Logic, Language, Information, and Computation (WoLLIC 2016).

4th International Workshop on Strategic Reasoning (SR16).

Discovery Science 2015

National Committees Service:

Added by the Dutch Research Council (NWO) to the list of experts for the Science Domain (ENW) in 2022.

Member of the Assessment Committee of the NWO Open Competition Science Domain M grants (ENW M 23-1), 2023.

Board member of the Dutch Association for Logic and Philosophy of the Exact Sciences (VvL), elected in December 2024.

Member of the VvL 2026 Master's Thesis Award Committee.

Member of the VvL 2025 Master's Thesis Award Committee.

Member of the ICT Research Platform Nederland (IPN) Equity, Diversity, Inclusion Working Group (EDI), since September 2021.

Committees at the Faculty of Science of the University of Groningen:

Member of the PhD Monitoring Commission of the Bernoulli Institute for Mathematics, Computer Science & Artificial Intelligence, University of Groningen, (2020-2025).

Previous local committees:

Chair of the PhD Council of the ILLC, UvA (2012–2015).

MEDIA

Interview on collective informational failures in the national Dutch newspaper *Trouw*, article “De Digitale Kleren van de Keizer” (“The Emperor’s Digital Clothes”), April 2 2016.

‘Does everyone ride an electric bike now?’, article by my PhD student, Maaïke Venema-Los, on our joint research on majority illusions in social networks, *The Network Pages*, September 15 2026.

GRANTS, AWARDS & PRIZES

[Interdisciplinary Project Incentive Fund](#) for the project ‘Sharing perspectives: legal requirements and technological reality in human oversight of AI systems’ (with Pepijn Tukker and Tim van Zuijlen).

[Dutch Research Council \(NWO\) SSH VENI Grant 2020](#) (individual, EUR 250.000), awarded to the project “Social Networks and Democracy” (2021–2024).

[Rosalind Franklin Fellowship 2020](#), tenure-track fellowship for international researchers co-funded by the European Union.

[The Royal Netherlands Academy of Arts and Sciences \(KNAW\) China Exchange Program Travel Grant](#) (co-applicant, ~EUR 50.000, 2014–2016).

Runner up for the prize of best supervisor of the Faculty of Science and Engineering (University of Groningen) in 2022.

Nominated for best teacher prize of the AI Department for the year 2022-2023 for my course ‘Collective Intelligence’.

RESEARCH VISITS

[Department of Information Science and Media Studies](#), University of Bergen, Norway, March 2019, as a guest of the AI project [BAIALab](#).

[The Graduate Center, City University of New York \(CUNY\)](#), USA, April 2017.

[Department of Philosophy](#), Tsinghua University, Beijing, China, October 2013 and June 2026.

[Department of Philosophy](#), Lund University, Sweden, April 2013.

MEMBERSHIPS OF RESEARCH GROUPS AND ACADEMIC SOCIETIES

[Dutch Association for Logic and Philosophy of the Exact Sciences \(VvL\)](#).

[Swiss Society For Logic and Philosophy of Science \(SSLPS\)](#).

[Amsterdam Dynamics Group](#).

[Knowledge Representation Group](#), Dep. of Computer Science, University of Liverpool (2016-2017).

[Robotics and Autonomous Systems Group](#), Dep. of Computer Science, University of Liverpool (2016-2017).