

CURRICULUM VITAE

Fenrong Liu

Changjiang Distinguished Professor, Tsinghua University

Amsterdam-China Logic Visiting Chair, University of Amsterdam

Email: fenrong@tsinghua.edu.cn

Webpage: www.fenrong.net

Phone: (+86) 10-62798623

Main Research Themes

Preference Logic Reason-based approaches to preferences; exploring dynamics of preference change through events of changing information, evaluation, or goals.

Social Logic Introducing social structure into philosophical logics of knowledge and action; dynamics of belief formation over time in social networks; interfaces of "high" and "low" rationality in social group processes.

Logics for Games and Interaction Designing games and game logics in tandem; exploring logical and computational aspects of bounded agents in games.

History of Logic in China Bringing the open methodology of modern logic to historical studies; monotonicity reasoning in history and formal semantics.

Neuro-symbolic AI Systematically exploring possible ways of combining traditional symbolic AI with data-driven AI to advance AI development.

Education

Jan 2005 - Feb 2008	Ph.D, Faculty of Science, University of Amsterdam
Sep 2003 - Aug 2004	Master of Logic, ILLC, University of Amsterdam
Sep 1998 - Jul 2001	Ph.D, Institute of Philosophy, Chinese Academy of Social Sciences
Sep 1996 - Jul 1999	M.A, Department of Philosophy, Henan University
Sep 1992 - Jul 1996	B.A, Department of Philosophy, Shanxi University

Positions Held

2024-	Guest Professor (Global), Keio Business School, Keio University, Japan
Mar 2016 - Jun 2014 -	Distinguished Changjiang Professor, Ministry of Education, China Amsterdam-China Logic Chair, Institute for Logic, Language and Computation (ILLC), University of Amsterdam
Jul-Sep, 2023	Visiting Scholar, Department of Mathematics, Harvard University
Jul - Sep, 2018	Visiting Scholar, Department of Philosophy, Stanford University
Sep 2016 - Jun 2017	Berggruen Fellow, Center for Advanced Study in the Behavioral Sciences (CASBS), Stanford University

2016 - 2019	Guest Professor, Center of Language and Intelligence, South West University, Chongqing
Apr - Jun, 2015	Visiting Scholar, Center for the Study of Language and Information (CSLI), Stanford University
Sep 2013 - Jun 2014	Visiting Professor, ILLC, University of Amsterdam
Dec 2011-	Full Professor, Department of Philosophy, Tsinghua University, Beijing
Jul 2007- Dec 2011	Associate Professor, Department of Philosophy, Tsinghua University, Beijing
2010 - 2014	Guest Professor, Center of Language and Cognition, Zhejiang University, Hangzhou
2010 - 2014	Guest Professor, Institute of Logic and Cognition, Sun Yat-sen University, Guangzhou
Nov 2005 - Jul 2007	Associate Researcher, Institute of Philosophy, Chinese Academy of Social Sciences, Beijing
Jul 2001- Nov 2005	Assistant Researcher, Institute of Philosophy, Chinese Academy of Social Sciences, Beijing

Honors and Major Service Positions

- 2027, Program Chair, 18th Congress of Logic, Methodology and Philosophy of Science and Technology (CLMPST), Kobe Uni, Japan, Aug.23-28, 2027
- 2026, Program Chair, ICLR 2026 Workshop on Logical Reasoning of Large Language Models, Apr. 26-27, Rio de Janeiro, Brazil
- 2025, Program Chair, AAI Bridge Program on Logical and Symbolic Reasoning in Language Models, Jan. 20-21, 2026, Singapore EXPO
- 2025, Member, International Academy of the Philosophy of Science (AIPS)
- 2025, Evaluation Committee for Best Logic Paper, the Unilog initiative, the Croatian Logic Association
- 2024, Member, Institut International de Philosophie (IIP)
- 2024, Advisory Board Member, Distinctio Journal
- 2024, Member, ASL Code of Ethics committee
- 2024-, Member, China Committee, International Science Council (ISC)
- 2024-2028, Assessor, the Division of Logic, Methodology and Philosophy of Science and Technology (DLMPST)
- 2024-, Member, The ASL Committee on Education
- 2024-, Editorial Board Member, Journal: AI & Innovation
- 2023, First-class Undergraduate Course Award, Ministry of Education, China
- 2023-, Corresponding Member, International Academy of the Philosophy of Science (AIPS)
- 2023-, Member, Steering Committee, TARK (Theoretical Aspects of Rationality and Knowledge)
- 2023, Program Chair, the Pacific Rim International Conferences on Artificial Intelligence (PRICAI-2023)
- 2023, Member, The ASL Nominating Committee

2024-, Member, CAST, International Science Council

2023-, Member, Steering Committee, DLMPST-Commission on Logic Education

2022-, Member, Steering Committee, the Pacific Rim International Conferences on Artificial Intelligence (PRICAI)

2022, Member, The ASL Nominating Committee

2022-, Editorial Board Member, *Logics* (open access journal)

2021-, Editorial Board Member, *Asian Journal of Philosophy*

2021-, Member, Steering Committee, DaLí workshops on Dynamic Logic

2021-, Editor-in-Chief, Small Logic Books, book series, CSLI Publications, Stanford

2021, General Chair, the Pacific Rim International Conferences on Artificial Intelligence (PRICAI-2021)

2020-, Member, Steering Committee, Asian Workshop on Philosophical Logic

2020, the Second Prize, the 8th Universities Scientific Research Excellence Award (Humanities and Social Sciences), Ministry of Education, China

2020-, President, Beijing Logic Association

2020-, Vice President, The Chinese Association of Logic

2020-, Member, Steering committee, LAMAS (Logical Aspects of Multi-Agent Systems)

2020, Program Chair, the 15th International Conference on Deontic Logic and Normative Systems (DEON 2020), Munich, Germany

2018-, Consulting Editor, *Theoria* (the international Swedish philosophy journal, founded in 1935, a major forum for philosophical research and debate)

2018, Program Chair, The 4th Asian Workshop on Philosophical Logic, Beijing, China

2016-, International Advisory Board, The Vossius Center for History of Humanities and Sciences, University of Amsterdam

2016-, International Board Member, The Society for the History of the Humanities

2016-2022, Member, Standing Committee on Logic in East Asia, the Association for Symbolic Logic

2016-, Advisory Board Member, *Topoi*

2015, First Prize, the 7th Universities Scientific Research Excellence Award (Humanities and Social Sciences), Ministry of Education, China

2015-2020, Editor-in-Chief, Short Textbooks in Logic, book series, Springer

2014-, Associate Editor, History of Humanities (a journal devoted to the historical and comparative study of humanities)

2014-2018, Member, Steering Committee, the Society of Deontic Logic and Normative Systems

2014-, Co-Director, Tsinghua University- University of Amsterdam Joint Research Center for Logic

2014, Best Master's Thesis Supervisor Award, Tsinghua University

2014, Selected for Who's Who in the World 2014 (31st Edition)

2013-2014, China National Committee for Terms in Science and Technologies

2013-, Editor-in-Chief, Logic in Asia: Studia Logica Library

2013, Third Prize, the 6th Universities Scientific Research Excellence Award (Humanities and Social Sciences), Ministry of Education, China

2013-2018, Editor, *Austrasian Journal of Logic*
2013-, Associate Editor, *Studia Logica*
2012-2018, Member, Education Committee, the Association for Symbolic Logic
2012-2019, Vice President, Beijing Logic Association
2012-, Editor, *Handbook of Logical Thought in China* (中国逻辑思想史手册)
2012, New Century Talents Award, Ministry of Education, China
2011-2014, Deputy Director, Department of Philosophy, Tsinghua University
2011-2015, Editorial Board Member, *Topoi*
2011-, Editorial Board Member, *Synthese*
2011, Excellent Young Scholar Award, Tsinghua University
2010-, Area Editor, FoLLI Publications on Logic, Language and Information
2010-, Associate Editor, *Studies in Logic* (逻辑学研究)
2010, Best Master's Thesis Supervisor Award, Tsinghua University
2009-2015, "221 Program for Foundational Researchers at Tsinghua University"
1999, Best Graduate Student Award, Chinese Academy of Social Sciences

Publications

Monographs (in English)

1. *Logic, Language and Philosophy*, Stanford CSLI Publications, 2024 (with Martin Stokhof)
2. *Reasoning about Preference Dynamics*, Springer, 2011. Synthese Library, Vol. 354
3. *Changing for the Better: Preference Dynamics and Agent Diversity*, Amsterdam: PrintPartners Ipskamp, 2008. (Ph.D dissertation)

Monographs (in Chinese)

4. 《社会认知逻辑》 (Social Epistemic Logic), Tsinghua University Press, Beijing, 2023
5. 《动态偏好逻辑》 (Dynamic Preference Logic), Science Press, Beijing, 2010

Popular Reading (in Chinese)

6. 《人工智能和数理逻辑》 (Artificial Intelligence and Mathematical Logic), Young Readers' Edition, Beijing Science Technology Publishing House, 2025

Edited Books and Volumes (in English)

7. Editor (with Johan van Benthem), *Graph Games and Logic Design*, Trends in Logic: Studia Logica Library, Springer, 2026
8. Editor (with Arun Anand Sadanandan, Duc Nghia Pham, Petrus Mursanto, Dickson Lukose), *Trends in Artificial Intelligence - 20th Pacific Rim International Conference on Artificial Intelligence (PRICAI 2023)*, Jakarta, Indonesia, November 17-19, 2023. LNCS, 3 volumes 14325, 14326, 14327, Springer 2024
9. Editor (with Duc Nghia Pham, Thanaruk Theeramunkong, Guido Governatori), *Trends in Artificial Intelligence - 18th Pacific Rim International Conference on Artificial Intelligence (PRICAI 2021)*, Hanoi, Vietnam, November 8-12, 2021, Proceedings. LNCS, 3 volumes 13031, 13032, 13033, Springer 2021

10. Editor (with Alessandra Marra, Paul Portner and Frederik Van De Putte), *Deontic Logic and Normative Systems: 15th International Conference, DEON 2020/2021*, College Publications, London, 2021
11. Editor (with Dun Deng, Mingming Liu, Dag Westerstahl), *Monotonicity in Logic and Language*, Proceedings of the Second Tsinghua Interdisciplinary Workshop on Logic, Language and Meaning (TLLM 2020), Beijing, China. Springer, 2020
12. Editor (with Hiroakira Ono and Junhua Yu), *Knowledge, Proof and Games*, Post-Proceedings of the 4th Asian Workshop on Philosophical Logic, Logic in Asia Series, Springer Nature: Singapore, 2020
13. Editor (with B. Kim, J. Brendle, G. Lee, R. Ramanujam, S. Srivastava, A. Tsuboi, L. Yu), *Proceedings of the 14th and 15th Asian Logic Conferences*, World Scientific, 2019
14. Editor (with Jeremy Seligman): *The History of Logic in China: 5 Questions*, Copenhagen: Automatic Press, 2015
15. Editor (with Johan van Benthem), *Logic Across the University, Foundations and Applications*, Proceedings of Tsinghua Logic Conference, College Publications, London, Studies in Logic Vol.47, 2013
16. Guest Editor (with Frederik Van De Putte, Alessandra Marra, and Paul Portner) DEON 2020/2021, Special Issue, *Journal of Logic and Computation*, 34(4): 637–639, 2024 <https://doi.org/10.1093/logcom/exad073>
17. Guest Editor (with Kaile Su), Special Issue of *Minds and Machines* on "Logic and AI in China". 23(1):1-4, 2013
18. Guest Editor (with Jeremy Seligman and Johan van Benthem), *Studies in Logic*, Special Issue on the History of Logic in China, Volume 4, Number 3, 2011
19. Guest Editor (with Olivier Roy), *Synthese (Knowledge, Rationality and Action)*, Vol. 173, No. 2, 2010
20. Guest Editor (with Frank Veltman, Minghui Xiong), *Synthese (Knowledge, Rationality and Action)*, Vol. 165, No. 2, 2008

Edited Books and Volumes (in Chinese)

21. 主编, 《人工智能逻辑》 (AI Logics), Tsinghua University Press, Beijing, 2025
22. 主编, 逻辑、语言与智能—新清华逻辑文丛 General Editor, Book series 'Logic, Language and Intelligence – New Tsinghua Logic', Tsinghua University Press
 - Vol I: 王路《逻辑的视野》 Lu Wang, *Views of Logic*, 2021
 - Vol II: 司马亭《走向意义—形式语义学与维特根斯坦》 Martin Stokhof, *Approaching Meaning: Formal Semantics and Wittgenstein*, 2022
 - Vol III: 冯琦《序与数—数概念的形成与演变》 Qi Feng, *Ordering and Number - The Evolution of the Concept of Number*, 2023
 - Vol IV: 刘奋荣《社会认知逻辑》 Fenrong Liu, *Social Epistemic Logic*, 2023
 - Vol V: 范丙申《逻辑与博弈》 Johan van Benthem, *Logic in Games*, 2025
23. 主编, 《逻辑之门》 General Editor, *A Door to Logic: Selected Works by Johan van Benthem*, Chinese Translation, Science Press
 - Vol I: *Logic, Information and Interaction*, Beijing, 2008
 - Vol II: *Logic, Language and Cognition*, Beijing, 2009
 - Vol III: *Modal Correspondence theory*, Beijing, 2010

- Vol IV: *Logic, Epistemology, and Methodology*, Beijing, 2012
- 24. 主编《清华大学学报》专栏“金岳霖思想研究” Editor, Special Section on Studies of Jin Yuelin's Ideas, *Journal of Tsinghua University* (Philosophy and Social Sciences) Vol. 31, No.1, 2016
- 25. (与王路)合编《逻辑、语言与思维》 Editor (with Lu Wang), *Logic, Language and Thought*, Science and Culture of China Press, Beijing, 2002

Articles in Journals (in English)

1. *Luoji* and Logic: Translation and Methodological Reflections, to appear in the 2026 symposium on Beaney's book *The Joy of Chinese Philosophy*, *British Journal for the History of Philosophy* (with Weijun Yu)
2. A Note on Modal Substitution Logics, to appear in *Annals of Pure and Applied Logic*, 2026 (with Dazhu Li, Sujata Ghosh and Yaxin Tu)
3. Towards a PDL Framework for Reasoning about Causality, under submission, 2026 (with Xiaoxuan Fu and Zhiguang Zhao)
4. Modal Logics for the Poison Game: Axiomatization and Undecidability, *Review of Analytic Philosophy*, 5(1), 43-71, 2025. Japan: MYU. (with Penghao Du and Dazhu Li)
5. Reasoning under Uncertainty in the Game of Cops and Robbers, *Synthese*, Vol. 206, article number 101, 2025 (with Dazhu Li and Sujata Ghosh)
6. The Zhou Puzzle: A Peek into Quantification in Mohist logic, *Open Philosophy*, vol. 8, no. 1, 2025, Article number. 20250068. <https://doi.org/10.1515/opphil-2025-0068> (with Zhiqiang Sun)
7. Hybrid Logic of the Hide and Seek Game. *Studia Logica*, 2024. <https://doi.org/10.1007/s11225-024-10149-7> (with Katsuhiko Sano and Dazhu Li)
8. A Simple Logic of the Hide and Seek Game. *Studia Logica*, 111(5): 821-853, 2023 (with Dazhu Li, Sujata Ghosh and Yanxin Tu)
9. Ten-Year History of Social Network Logics in China, *Asian Studies*, 10(2), 121-146, 2022 (with Dazhu Li)
10. Reasoning in Social Settings. *Journal of Logic and Computation* 31(4): 1023-1025, 2021 (with Beishui Liao)
11. The Inference Pattern *Mou* in Mohist Logic, A Monotonicity Reasoning View, *Roczniki Filozoficzne (Annals of Philosophy)* No. 4, pp.105-117, 2020 (with Zhiqiang Sun)
12. Efficient Minimal Preference Change. *Journal of Logic and Computation*, 28(8): 1715-1733, 2018 (with Natasha Alechina and Brian Logan)
13. A Dynamic-Logical Characterization of Solutions to Sight-limited Extensive Games. *Fundam. Inform.* 158(1-3): 149-169, 2018 (with Chanjuan Liu and Kaile Su)
14. A Logical Characterization of Extensive Games with Short Sight. *Theoretical Computer Science*, 612: 63-82, 2016 (with Chanjuan Liu, Kaile Su, and Enqiang Zhu)
15. Deontic Logic and Changing Preference, *IFCOLOG Journal of Logics and their Applications*, 1(2): 1-46, 2014 (with Johan van Benthem)
16. Preference Dynamics in Games with Short Sight. *Applied Mathematics and Computation* 244, 493-501, 2014 (with Chanjuan Liu, Enqiang Zhu, and Kaile Su)
17. Priority Structures in Deontic Logic, *Theoria*, 80(2): 116-152, 2014 (with Johan van Benthem and Davide Grossi)

18. 5 (with Jeremy Seligman and Patrick Girard)
19. Where is Logic Going, *Studies in Logic*, 7(1): 84-99, 2014 (with Johan van Benthem)
20. Reasoning about Agent Types and the hardest logic puzzle ever. *Minds and Machines*, 23(1):123-161, 2013 (with Yanjing Wang)
21. A Two-Level Perspective on Preference, *Journal of Philosophical Logic*, 40(3): 421-439, 2011
22. Models of Reasoning in Ancient China, *Studies in Logic*, Special Issue on the History of Logic in China, 4(3): 57-81, 2011 (with Jeremy Seligman and Johan van Benthem)
23. Prioritized Imperatives and Conflicting Norms, in Berislav Zarnic etc. eds. *European Journal of Analytic Philosophy: Imperatives and Philosophy*, 7(2):35-58, 2011(with Fengkui Ju)
24. New Perspectives on Moist Logic, *Journal of Chinese Philosophy*, 37(4): 605-621, 2010 (with Jialong Zhang)
25. A Brief History of Chinese Logic. *Journal of the Indian Council of Philosophical Research*, 27(1): 101-126, 2010 (with Wujin Yang)
26. Von Wright's "The Logic of Preference" Revisited. *Synthese*, 175(1): 69-88, 2010
27. Diversity of Agents and their Interaction. *Journal of Logic, Language and Information*, 18(1): 23-53, 2009
28. Preference Change: A Quantitative Approach. *Studies in Logic*, 2(3): 12-27, 2009.
29. Modelling Simultaneous Games in Dynamic Logic. *Synthese*, 165(2): 247-268, 2008 (with Johan van Benthem and Sujata Ghosh)
30. Dynamic Logic of Preference Upgrade. *Journal of Applied Non-Classical Logic*, 17(2): 157-182, 2007 (with Johan van Benthem)

Articles in Journals (in Chinese)

31. 关于偏好关系的质化与量化研究--中间道路的探索(A Third Way of Studying Preference: Between Qualitative and Quantitative Approaches), 浙江大学学报 *Journal of Zhejiang University*, Issue 5, pp.63-70, 2020 (with 付小轩 Xiaoxuan Fu)
32. 图博弈的设计与模态逻辑的发展 (Interaction between Graph Game Design and Modal Logics), 清华大学学报 *Journal of Tsinghua University* (Philosophy and Social Sciences), 34(2): 131-139, 2019 (with Johan van Benthem)
33. 关于社交网络中主体行为的推理和预测 (Reasoning and Making Predictions about Agent's Behaviors in Social Networks), 暨南学报 *Journal of Jinan*, No.12, pp. 1-8, 2018 (with Jeremy Seligman)
34. 社会网络结构与主体认知变化的逻辑探讨 (A Logical Study of Social Network Structure and Dynamics of Agent's Knowledge), 哲学研究 *Philosophical Research*, No.1, pp. 121-126, 2016
35. 社会网络中信念修正的几个问题 (Some Issues Concerning Belief Revision in Social Networks), 哲学动态 *Philosophical Trends*, No.3, pp.84-89, 2015
36. 知识封闭原则与怀疑论 (Epistemic Closure and Skepticism), 哲学动态 *Philosophical Trends*, No.8, pp.91-98, 2013 (with 石辰威 Chenwei Shi)
37. 关于语境的一个逻辑模型 (A Logical Model of Context), 逻辑学研究 *Studies in Logic*, No. 4, pp.1-10, 2012
38. 中医诊疗过程的逻辑----一个信念修正理论的阐释 (Belief Revision in Chinese

- Medicine Diagnosis and Treatment), 世界科学技术—中医药现代化 *World Science and Technology/Modernization of Traditional Chinese Medicine and Materia Medica*, 13(6): 1095-1098, 2011
39. 从动态认知逻辑的观点看中医方证思想 (On the Traditional Chinese Medical Treatment from the Viewpoint of Dynamic Epistemic Logic), 重庆理工大学学报 *Journal of Chongqing University of Technology (Social Science)*, 24(10):75-78, 2010
40. 基于命题的信念偏好逻辑 (Doxastic Preference Logic over Propositions), 哲学研究, *Philosophical Research*, No.3, pp. 103-109, 2010
41. 信念偏好逻辑:从单主体到多主体 (Doxastic Preference Logic: From Single Agent to Multi-Agent Case), 学术研究 *Academic Studies*, No.5, pp. 27-32, 2010
42. 从数理逻辑的分析方法看"白马非马" (Analysis of 'Bai Ma Fei Ma' from the Perspective of Mathematical Logic), 山西大学学报 *Journal of Shanxi University*, No.3, 1997

Articles in Books and Proceedings

43. Adaptive Selection of Symbolic Languages for Improving LLM Logical Reasoning, Accept (Oral) by AAAI 2026 Workshop on Post-AI Formal Methods. January 26, 2026, Singapore EXPO. (with by Xiangyu Wang, Haocheng Yang, and Fengxiang Cheng)
44. Improving Complex Logical Reasoning of Large Language Models via Sparse Multi-Agent Debate, Accept (Poster) by NeurIPS 2025 Workshop on Foundations of Reasoning in Language Models. Dec. 6-7, 2025, San Diego, California. (with Wanzhen Fu, Haocheng Yang, Fengxiang Cheng)
45. Mitigating Spurious Correlations via Counterfactual Contrastive Learning, in *EMNLP 2025 Proceedings*. (with Fengxiang Cheng, Chuan Zhou, Xiang Li, Alina Leidinger, Haoxuan Li, Mingming Gong, Fenrong Liu, and Robert van Rooij)
46. Empowering LLMs with Logical Reasoning: A Comprehensive Survey, in *IJCAI 2025 Proceedings* (with Fengxiang Cheng, Haoxuan Li, Robert van Rooij, Kun Zhang, and Zhouchen Lin)
47. We Reason Socially, in the *Proceedings of the 17th Congress on Logic, Methodology and Philosophy of Science and Technology (CLMPST)*, 2026
48. Knowing is Winning: An Epistemic Approach to the Hide and Seek Game, in van Benthem and Liu, eds, *Graph Games and Logic Design*, Trends in Logic: Studia Logica Library, Springer, 2026. (with Dazuh Li and Sujata Ghosh)
49. A Hybridization of the Logic for the Hide and Seek Game, 2026. (with Katsuhiko Sano and Dazhu Li)
50. A Modal Logic for the Hide and Seek Game, 2026. (with Qian Chen, Dazhu Li, Yaxin Tu and Sujata Ghosh)
51. Perspective Shifts: Formalizing Epistemic Might in Multi-agent Models, AWPL Proceedings, 2026. (with Jialiang Yan and Maria Aloni)
52. Artificial Intelligence: From a Logical and Ethical Point of View, in Mirko Farina, Xiao Yu, Jin Chen eds., *Digital Development: Technology, Ethics and Governance*, Routledge, 2025 (with Keiko Ryu)
53. Preference Logic, *The Stanford Encyclopedia of Philosophy* (Fall 2025 Edition), Edward N. Zalta & Uri Nodelman (eds.), URL = <<https://plato.stanford.edu/archives/>

- fall2025/entries/logic-preference/>. (with Leendert van der Torre)
54. Towards a Logical Approach to Recommendations. In Liao, Pang and Rienstra (eds.) *Proceedings of the 4th International Workshop on Logics for New-Generation Artificial Intelligence* (LNGAI 2024), College Publications: London, 2024. (with Wei Wang and Sisi Yang)
 55. A Logical Approach to Doxastic Causal Reasoning. In: Gierasimczuk, N., Velázquez-Quesada, F.R. (eds) *Dynamic Logic. New Trends and Applications*. DaLí 2023. LNCS 14401. Springer, Cham, pp. 119–135, 2024. (with Kaibo Xie and Qingyu He)
 56. Logico-Computational Aspects of Rationality, in Markus Knauff and Wolfgang Spohn (eds.) *The Handbook of Rationality*, pp. 185–196, The MIT Press, 2021 (with Johan van Benthem and Sonja Smets)
 57. On the Subtle Nature of a Simple Logic of the Hide and Seek Game, In: Silva A., Wassermann R., de Queiroz R. (eds) *Logic, Language, Information, and Computation. WoLLIC 2021*. LNCS 13038, Springer, Cham. pp. 201-218, 2021 (with Dazhu Li, Sujata Ghosh and Yaxin Tu)
 58. Deontic Logic and Changing Preferences, in Dov Gabbay, John Horty, Xavier Parent et al. eds. *Handbook of Deontic Logic and Normative Systems*, Vol.2, College Publications. pp. 307-366, 2021 (with Johan van Benthem). Also printed in Dov M. Gabbay and Franz Guenther (Eds.) *Handbook of Philosophical Logic*, Vol. 18, Springer Nature. pp.1-49, 2018
 59. Monotonic Opaqueness in Deontic Contexts, in B. Liao and Y. N. Wáng (eds.), *Context, Conflict and Reasoning*. Logic in Asia: Studia Logica Library, Springer Nature, Singapore. pp. 87-97, 2020 (with Jialiang Yan)
 60. New Logical Perspectives on Monotonicity, in *Monotonicity in Logic and Language*, Second Tsinghua Interdisciplinary Workshop on Logic, Language and Meaning (TLLM 2020). Springer. pp.1-12, 2020 (with Johan van Benthem)
 61. Graph Games and Logic Design, in F. Liu, H. Ono and J. Yu eds, *Knowledge, Proof and Dynamics*, Springer Nature, Singapore, pp. 125-146, 2020 (with Johan van Benthem)
 62. Preference Change: An Overview, in Xia Ying eds. *Collections of Works by Faculty Members of the Department of Philosophy*, Tsinghua University Press, 2020
 63. Preference Change, in S. O. Hansson and V. Hendricks (Eds.), *Introduction to Formal Philosophy*, Springer. pp.549-566, 2018
 64. Reasoning about Belief, Evidence and Trust in a Multi-agent Setting. In: 20th International Conference on Principles and Practice of Multi-Agent Systems (PRIMA 2017): 71-89, 2017. (with Emiliano Lorini)
 65. Reasons to Believe in a Social Environment, in Proceedings of the 13th International Conference on Deontic Logic and Normative Systems (DEON 2016), College Publications: London, 2016 (with Emiliano Lorini)
 66. A Dynamic-Logical Characterization of Solutions in Sight-Limited Extensive Games. *PRIMA 2015*: 467-480. (with Chanjuan Liu and Kaile Su)
 67. Postulates and a Lineartime Algorithm for Minimal Preference Contraction. In Nils Bulling and Wiebe van der Hoek, editors, *Proceedings of the Workshop Logical*

- Aspects of Multi-Agent Systems (LAMAS 2014), 2014 (with Natasha Alechina and Brian Logan)
68. From Good to Better, using contextual shifts to define preference in terms of monadic value. In Alexandru Baltag and Sonja Smets eds., *Trends in Logic, Outstanding Contributions: Johan F. A. K. van Benthem on Logical and Informational Dynamics*, Springer, pp. 729-728, 2014 (with Sven Ove Hansson)
 69. Minimal Preference Change. In Davide Grossi, Olivier Roy and Huaxin Huang, eds, *Proceedings of the Fourth International Workshop on Logic, Rationality and Interaction (LORI)*, LNCS 8196, Springer. pp.15-26, 2013 (with Natasha Alechina and Brian Logan)
 70. A Logic for Extensive Games with Short Sight, In Davide Grossi, Olivier Roy and Huaxin Huang, eds, *Proceedings of the Fourth International Workshop on Logic, Rationality and Interaction (LORI)*, LNCS 8196, Springer. pp.332-336, 2013 (with Kaile Su and Chanjuan Liu)
 71. Knowledge, Friendship and Social Announcements, in Johan van Benthem and Fenrong Liu, eds., *Logic Across the University, Foundations and Applications*, College Publications, London, 2013 (with Patrick Girard and Jeremy Seligman)
 72. Qualitative Extensive Games with Short Sight: A More Realistic Model, in Johan van Benthem and Fenrong Liu, eds, *Logic Across the University, Foundations and Applications*, Colleague Publications, 2013 (with Kaile Su and Chanjuan Liu)
 73. Facebook and Epistemic Logic of Friendship. In Burkhard C. Schipper ed, *Theoretical Aspects of Rationality and Knowledge Proceedings of the 14th Conference Chennai, India*, pp.229-238, 2013(with Jeremy Seligman and Patrick Girard)
 74. General Dynamic Dynamic Logic, in Thomas Bolander, Torben Brauner, Silvio Ghilardi, and Lawrence Moss, eds, *Advances in Modal Logic*, Vol. 9, pp.239-260. College Publications, London, 2012(with Patrick Girard and Jeremy Seligman)
 75. Priority-Based Games with Short Sight: Towards a More Realistic Modeling. In *Proceedings of the 10th Conference on Logic and the Foundations of Game and Decision Theory, Spain, 2012* (with Chanjuan Liu and Kaile Su)
 76. Logic in the Community, in M. Banerjee and A. Seth, editors, *Proceedings of the 4th Indian Conference on Logic and its Applications*, LNCS 6521, Springer. pp. 178-188. 2011 (with Patrick Girard and Jeremy Seligman)
 77. Update Semantics for Imperatives with Priorities, in H. van Ditmarsch, J. Lang and S. Ju eds., *Proceedings of the 3rd Workshop on Logic, Rationality and Interaction*, LNAI, Vol 6953, Springer. pp.127-140, 2011 (with Fengkui Ju)
 78. Deontics = Betterness + Priority, in Guido Governatori and Giovanni Sartor eds. *Deontic Logic in Computer Science, Proceedings of the 10th International Conference, DEON 2010*. LNAI, Vol. 6181, Springer. pp.50-65, 2010 (with Johan van Benthem and Davide Grossi)
 79. Preference, Priorities and Belief, in T.Grune-Yanoff and S.O. Hansson eds, *Preference Change: Approaches from Philosophy, Economics and Psychology*, Theory and Decision Library, 2009 (with Dick de Jongh)
 80. Modelling Simultaneous Games with Concurrent Dynamic Logic. In J. van Benthem, S. Ju and F. Veltman, eds, *A Meeting of the Minds--Proceedings of the Workshop on Logic,*

Rationality and Interaction. College Publications, London, 2007 (with Johan van Benthem and Sujata Ghosh)

81. Some Thoughts on Mohist Logic. In J. van Benthem, S. Ju and F. Veltman, eds, *A Meeting of the Minds--Proceedings of the Workshop on Logic, Rationality and Interaction*, College Publications, London, 2007 (with Jialong Zhang)
82. Optimality, Belief and Preference. In S. Artemov and R. Parikh, eds, *Proceedings of the Workshop on Rationality and Knowledge*, ESSLLI, Malaga, 2006 (with Dick de Jongh)
83. Preference Change and Information Processing. In *Proceedings 7th Conference on Logic and the Foundations of Game and Decision Theory (LOFT 06)*, Liverpool, 2006
84. Diversity of Agents. In N. Alechina and T. Agotnes, eds, *Proceedings of the Workshop on Logics for Resource Bounded Agents*, ESSLLI, Malaga, 2006

Articles in Newspapers (in Chinese)

1. 现代逻辑前沿 (Frontiers of Modern Logics), 光明日报, 2016-04-13
2. 逻辑学与哲学的关系: 老问题与新挑战 (Relation between Logic and Philosophy: Old Problems and New Challenges), 中国社会科学报, 2013-12-09

Selected Presentations at Scholarly Meetings

1. Rethinking Causality: A Dynamic Logic Perspective, AIPS, Hangzhou, Oct 27-30, 2025
2. Logical Reasoning Abilities of LLMs. Center for Language and Cognition, Zhejiang University, Oct.28, 2025
3. Graph Game and Logic Design, Logic School, Guangdong Technion - Israel Institute of Technology (GTIIT), Shantou, Oct 25-26, 2025
4. (keynote) Causality in PDL. DALI, Shaanxi Normal University, Xi'an, Oct 19-21, 2025
5. Logical Reasoning Abilities of LLMs. Department of Philosophy, Xi'an Jiaotong University, Oct 18, 2025
6. (plenary) Modelling Gameplay on Graphs in Modal Logics, Asian Logic Conference 2025 (ALC 2025), Kyoto Sangyo University in Kyoto, Japan, Sep 8-12, 2025
7. LLMs and Logical Reasoning, Mathematical Center of Mathematical Sciences, Zhejiang University, Jun 23, 2025
8. The Game Logic of Cops and Robbers on Graphs, BIMSA workshop on set theory and logic, Jun 11, 2025
9. Empowering LLMs with Logical Reasoning. Logic and AI Seminar, Stanford, May 28, 2025
10. Reason-Based Preference and An Application to Deontic Scenarios. Phi-Lings Seminar, MIT, May 7, 2025
11. Argumentation Patterns in the *Xunzi*, Philosophy Colloquium, University of Aberdeen, Apr 16, 2025 (online)
12. Knowledge Updates and Situation Changes in Cops and Robbers: A Logical Approach. Workshop on Recent Trends in Logic and Game Theory, Chennai, Feb 10-12, 2025
13. (keynote) Modelling Knowledge-Action Interactions in Cops and Robbers. The 7th Asian Workshop in Philosophical Logic, Kolkata, Feb 6-8, 2025
14. Social Epistemic Logic. The Epistemic Logic Workshop, Northeastern University,

- Boston, Nov 23-24, 2024
15. Understanding Belief Formation and Revision, World Congress Philosophy, Rome, Aug 1-4, 2024
 16. Epistemic Logic for the Hide and Seek Game, CSLI workshop, Stanford University, Jun 1-2, 2024
 17. Social Epistemic Logic. The 17th International Congress of Logic, Methodology and Philosophy of Science and Technology (CLMPST), Buenos Aires, Jul 24-29, 2023
 18. Games of Hiding and Seeking: A New Look at Epistemic Logic in Strategic Settings. CLMPST-Symposium on Mathematics, Knowledge and Modality, Buenos Aires, Argentina, Jul 24-29, 2023
 19. Logic Research in China: A Brief Tour. CLMPST-Symposium on Evaluation of Knowledge, Buenos Aires, Argentina, Jul 24-29, 2023
 20. Existence and Quantification in Mohist Logic. The 2nd Pan-American Symposium on the History of Logic, UCLA, Jun 20–24, 2023
 21. Social Epistemic Logic, Department of Philosophy, Shaanxi Normal University, Nov 22, 2022 (online)
 22. (keynote) Monotonicity in Logic and Natural Language, Interdisciplinary Workshop on Language, Cognition and Logic, Central University of Finance and Economics, Dec 3, 2022
 23. What's New Can Social Dimension Bring to Epistemic Logic? Kunyu Forum in Philosophy, Hebei University, Nov 15, 2022 (online)
 24. A Logician's Introduction to GEB, Gaoshan Reading Club, Sep 10, 2022
 25. (Tutorial) Preference Logic and Preference Change, Annual Conference of the Australasian Association of Logic, Jun 22-24, 2022 (online)
 26. Logic and Logical Thinking, Yat-sen Forum, Sun Yat-sen University, Jun 15, 2022 (online)
 27. (keynote) Deduction, Induction and Abduction in the Context of AI, CAAI Forum, May 28, 2022 (online)
 28. What is the Logical Thinking Ability? Shanxi University, May 4, 2022 (online)
 29. Experience as an Editor of the Handbook of Logical Thought in China, Opening National Project "Chinese Translation of Logic Terms", Sun Yat-sen University, Apr 10, 2022 (online)
 30. From Individual to Collective Agency, Forum on Logic, Science and Culture, Sichuan University, Mar 26-27, 2022 (online)
 31. (keynote) The 6th International Workshop on Philosophy and Logic of Social Reality, 28 Feb - 1 Mar 2022, University of Hokkaido, Japan (online)
 32. From a Two-level Perspective on Preference to Deontic Logic, Deontic DEON seminar series, Jan 27, 2022 (online)
 33. A Simple Logic for the Hide and Seek Game, Workshop Exploring Baltag's Universe, Jan 15, 2022 (online)
 34. (keynote) Lost in Translation: Logic, Ancient Chinese and Modern Authors, HOLIC Workshop "Textual Analysis as the Basis for Understanding Chinese Logical Thought", Jan 15-17, 2022, Beijing (online)
 35. Do We Reason alike? A Logical Reflection on the Encounters between Chinese and

- Western Traditions, Tsinghua Global Lecture Series: Fine Traditional Chinese Culture. Jan 5, 2022 (online)
36. Logic of Hide and Seek, Annual Meeting for Beijing Logic Association, Beijing Normal University, Nov 20, 2021 (online)
 37. Preference: Meeting Point of Philosophy and Economics, EIPE seminar, Erasmus Institute for Philosophy & Economics/Erasmus School of Philosophy/Erasmus University Rotterdam, Nov 15, 2021 (online)
 38. LORI and Logics for Information and Interaction, Xi'an Jiaotong University, Oct 16, 2021
 39. Social Epistemic Logics: A Quick Review, Workshop, Institute for Advanced Study in China in Hangzhou: New Frontiers in Proofs and Computation, Sep 16, 2021 (online)
 40. From Individual to Group Agency, the 6th Chinese Youth Philosophy Forum on Social Sciences, Beijing, Jun 26, 2021
 41. Logics for Social Agency, Changjiang Forum, Wuhan University, May 7, 2021
 42. Chinese Logical Thought: An Illustration, Cosmopolitan Philosophy Seminar, UC Berkeley, Mar 10, 2021 (online)
 43. Monotonicity and *Mou* Reasoning of the Mohist Logic, Beijing Normal University, Dec 9, 2020
 44. New Trends in AI and Logic, Annual Meeting for Beijing Logic Association, Beijing Normal University, Nov 21, 2020
 45. Decision Making under Uncertainty: A New Pairwise Preference Lifting Method, Annual Meeting for Beijing Logic Association, Beijing Normal University, Nov 23, 2019
 46. Low Rationality vs High Rationality: Understanding Agents' Behaviors in Social Networks, Chinese National Conference on Modern Logics, Chinese Academy of Social Sciences, Nov 9, 2019
 47. Collective Belief as Tendency Toward Consensus, International Conference on Modality, Logic and Philosophy, Peking University, Oct 12-13, 2019
 48. Do We Reason Alike? Difference and Similarities between Chinese and Western Logical Traditions, 3rd Chinese-Polish Workshop on Applied Logic — Reasoning about Social Phenomena, Zhejiang University, Hangzhou, Sep 7-8, 2019
 49. Lifting Preference Probabilistically, Workshop on the occasion of Johan's 70th Birthday, ILLC, University of Amsterdam, Jun 12, 2019
 50. What the Social Dimension Means for Epistemic Logic? Workshop on Language, Cognition and Mind, Zhejiang University, Hangzhou, Jun 1-2, 2019
 51. Logic Teaching at Tsinghua, Teaching and Research in Logic and Philosophy, Shanxi University, Taiyuan, Jun 22-25, 2018
 52. A New Series of Short Textbooks in Logic, National Conference on Logic Teaching, Sun Yat-sen University, Guangzhou, May 19-21, 2018
 53. Logic for Social Networks, the Munich Center for Mathematical Philosophy, LMU Munich, Feb 22, 2018
 54. Learning from Others, ILLC mid-winter Colloquium, University of Amsterdam, Jan 12, 2018
 55. Chinese Philosophy Meets Modern Logic, Masterclass lectures, University of

- Amsterdam, Jan 11, 2018
56. On Methodology of Study in the History of Logic in China, Department of Philosophy, Taiwan University, Nov 8-14, 2017
 57. Belief Aggregation via Markov Chain, Workshop on Topological Approaches in Epistemic Logic, Oct 3, 2017
 58. (keynote) A Logical View of Social Structure and Social Norms, Trends in Logic, Lublin, Poland, John Paul Catholic University of Lublin, Sep12-15, 2017
 59. Modal Logic of Social Agency, The 15th Asian Logic Conference (ALC), NIMS, South Korea, Jul 10-14, 2017
 60. Taking Social Agency Seriously, Logic and Computation Seminar, University of Pennsylvania, Apr 24, 2017
 61. Situation, Automata and Social Networks, Department Colloquium, Department of Computer Science, CUNY, Apr 20, 2017
 62. Experiences and Difficulties in Teaching Logic at Tsinghua University, Spring Meeting of the Association for Symbolic Logic, held jointly with the Pacific APA. Seattle, Apr 12-15, 2017
 63. Social Epistemic Logic, Spring Meeting of the Association for Symbolic Logic, to be held jointly with the Pacific APA, Seattle, Apr 12-15, 2017
 64. Social Epistemic Logic, the Berkeley-Stanford Circle in Logic and Philosophy, San Francisco, Mar 4, 2017
 65. Situation Dynamics of Conformity, Workshop on Situations and Current Attitudes, Barwise Hall, CSLI, Feb 12, 2017
 66. Reasoning about Knowledge in Social Settings, Department Colloquium, Department of Philosophy, UC-Davis, Feb 10, 2017
 67. Argumentation in Ancient China: from an Agency Point of View, International Conference The Making of the Humanities (V), Baltimore, Johns Hopkins University, USA. Oct 5-7, 2016
 68. Argumentation: From a Social Perspective, Chinese Conference on Logic and Argumentation (CLAR2016), Hangzhou, Zhejiang University. Apr 2-3, 2016
 69. Reasons to Believe in Social Settings, Workshop on Logical Dynamics of Social Influence and Information Change, ILLC, University of Amsterdam. Mar 22, 2016
 70. (keynote) Information Flow in a Social World, The Fifth International Conference on Logic, Rationality and Interaction (LORI-V), Taipei, Taiwan. Oct 28-31, 2015
 71. (keynote) Priority Structure in Deontic Logic, Formal Ethics 2015, University of Bayreuth, Germany. Jul 3-5, 2015
 72. Small Models for Great Thinkers in Ancient China, 4th CSLI Workshop on Logic, Rationality & Intelligent Interaction, May 30-31, 2015
 73. Tutorial on Preference Dynamics and Reasons for Preference, UC Berkeley, May 6, 2015
 74. Epistemic Logic of Friendship, Stanford, May 14, 2015
 75. (keynote) The Role of Logic in the Chinese History of Humanities, International Conference The Making of the Humanities (IV), Rome, Italy. Oct 16 -18, 2014
 76. Modeling Communications in Social Networks: Towards a Social Epistemology, Leuven University, Oct 10, 2014

77. Reason-based Belief Revision in Social Networks, Applied Logic Seminar, TU Delft, Oct 6, 2014
78. Evidence Makes a Difference, Workshop on The Logical Dynamics of Information, Agency and Interaction, Amsterdam, Oct 2-3, 2014
79. Evidence-based Belief Revision, ILLC, University of Amsterdam, Sep18, 2014
80. Modelling Social Agency, Workshop on Trends in Logic — Presenting the Tsinghua-UvA Joint Research Center, Jul 2, 2014
81. (keynote) Emergences of Preferences from a Logical Perspective, the 14th SAET Conference on Current Trends in Economics, Waseda University Tokyo, Japan. Aug 19-21, 2014
82. On Good-Enough Decision Making, the 2nd Asian Workshop on Philosophical Logic, Guangzhou, China. Apr 12-13, 2014
83. (keynote) New Logical Perspectives on Ceteris Paribus Preference, The 3rd International Workshop on Philosophy and Ethics of Social Reality (SOCREAL) , University of Hokkaido, Sapporo, Japan. Oct 25-27, 2013
84. Epistemic Logic of Friendship, ILLC, University of Amsterdam, May 21, 2013
85. (keynote) Logical Thought in China, Philosophers Rally: China and West, Utrecht University, May 16-17, 2013
86. Logical Dynamics of Belief Change in the Community, Knowledge Representation and Reasoning (KRW) Guiyang, Jun 17-19, 2012
87. Reasoning about Preference Dynamics, Asian Workshop on Philosophical Logic, JIAST, Japan. Mar 15-17, 2012
88. Structured Preferences, Agents Lab, School of Computer Science, Nottingham University, May 13, 2011
89. Information Update and the Development of Scientific Theories, Institute of STS, Tsinghua University, Beijing, Jan 13, 2011
90. A Brief History of Chinese Logic, Logic and Philosophy Today, Delhi, India. Jan 5-6, 2011
91. A Two Level Perspective on Preference, Annual Conference in Logics in Beijing (organized by the Logical Association Beijing), Beijing Normal University. Dec 19, 2010
92. Deontic Logic from a Preference Perspective, the 2nd International Workshop on Philosophy and Ethics of Social Reality, University of Hokkaido, Sapporo. Mar 27-28, 2010
93. Logic for Interaction between Preference and Beliefs, the 7th International Conference on Logic and Cognition, Guangzhou, China. Nov 10-13, 2008.
94. A Model on Preference Change, the 3rd Cross Strait Conference in Logics, Soochow University, Taiwan. May 28-30, 2008
95. Von Wright's Preference Logic revisited, Center for Logic, Language and Cognition, Peking University. Apr 8, 2008
96. Exploring Dynamics in Preference, Workshop on Formal Models of Norm Change, University of Luxembourg. Nov 29-30, 2007
97. How do We Change Our Preference? Seminars on Intelligent Systems (ISIS), University of Utrecht. May 30, 2007

98. Modelling Diversity of Agents, Foundations of Programming Meetings, School of Computer Science and IT, University of Nottingham, UK. Nov 3, 2006
99. Dynamics in Knowledge, Beliefs and Preference, IMFUFA seminarer, Institut for Natur, Systemer og Modeller, Roskilde University, Denmark. Sep 28, 2006
100. Optimality, Belief and Preference. ESSLLI Workshop on Rationality and Knowledge, Malaga, Aug 7-11, 2006.
101. Diversity of Agents. ESSLLI Workshop on Logics for Resource Bounded Agents, Malaga, Aug 7-11, 2006
102. Dynamic logic of preference upgrade, ESSLLI Workshop on Belief revision and dynamic logic, Edinburgh, Aug 8-19, 2005

Public Lectures

1. Logic and Thinking, 8 lectures, Philosophy Courses for Alumni, Tsinghua Uni., Jan-May, 2024
2. Logic and Thinking, School of Continuing Education, Tsinghua Uni., Jul 24, 2022
3. LORI and Logic as an Interdisciplinary Subject, Department of Philosophy, Xi'an Jiaotong University, Oct 15, 2021
4. From my Logic Path to your Academic Road, Department of Philosophy, Sichuan University, Online, Mar 16, 2021
5. My Path to Logic (我的逻辑之路), Rixin College, Tsinghua University, Nov 19, 2020
6. Logical Thinking and Scientific Research (逻辑思维与学术研究), Lecture Series for Graduate Students, Nov 6, 2020
7. Deontic Reasoning and Rational Choice, Professors' Forum, Tsinghua University, Jun24, 2016
8. Logic in the Facebook Age, Celebration event in honour of Johan van Benthem, Amsterdam, Sep 26, 2014
9. Do We Reason alike? A Logical Reflection on the Encounters between Chinese and Western Traditions, *Who's in Town Series*, Amsterdam, Sep 16, 2014
10. The State of Science: Where is Logic Going, and Why? Spui 25, University of Amsterdam, Sep 22, 2014 (together with Johan van Benthem)
11. Tsinghua Logic: Past and Present, Tsinghua University, Jul 15, 2014
12. Chinese Logic and Philosophy: Reconstruction or Integration? Workshop on History of Logic in China, Amsterdam. 24-26 Nov, 2010

Research Grants Received

1. A Study of Complex Logical Reasoning in Generative Large Language Models, Tsinghua University's Initiative for Advancing First-Class and World-Leading Disciplines in the Humanities and Social Sciences, 2025-2028, 900,000 Yuan RMB.
2. Enhancing Deep Logical Reasoning in Large Models for Complex Scenarios, joint project with Peking University, Beijing Natural Science Foundation, 2025-2028, 500,000 Yuan RMB.
3. Funds for International Collaboration, 2022-2024, Tsinghua University, 200,000 Yuan RMB.
4. Logics for Social Networks (基于社交网络的信息流逻辑研究), 2017-2021, National

- Foundation of Philosophy and Social Sciences in China, 600,000 Yuan RMB.
5. Social Network Logics: from Game Theoretical Point of View (博弈视域中的社交网络逻辑), 2018-2020, Tsinghua University Initiative Scientific Research Program (2017THZWYX08), 500,000 Yuan RMB.
 6. History of Logic in China, Tsinghua University, 2015-2021, 500,000 Yuan RMB.
 7. The Logical Dynamics of Information Exchange in Social Networks (Grant No. 530-4CDP05), 2014-2017, China Exchange Program, KNAW, 80,000 US Dollars.
 8. Information Flow from a Social Perspective (Grant No. 13AZX018), 2013-2016, National Foundation of Philosophy and Social Sciences in China, 300,000 Yuan RMB.
 9. Realistic Rationality in Games (Grant No. 2012WHYX003), 2012-2013, Tsinghua University Cultural Heritage Innovation Project, 150,000 Yuan RMB.
 10. Logic for Knowledge, Belief and Actions (Grant No. 04CZX001), 2004-2009, National Foundation of Philosophy and Social Sciences in China, 80,000 Yuan RMB.

PC Memberships or PC chairs

1. (Program Chair) The 18th Congress of Logic, Methodology and Philosophy of Science and Technology (CLMPST), Kobe Uni, Japan, Aug 23-28, 2027
2. The 16th Conference on Logic and the Foundations of Game and Decision Theory (LOFT 16), King's College London, Jun 24-26, 2026
3. The 10th International Workshop for Women in Logic, Jul 24-25, 2026, Lisbon, Portugal
4. The 24th International Workshop on Nonmonotonic Reasoning (NMR 2026), Jul 17-19, Lisbon, Portugal
5. The 8th Asian Workshop on Philosophical Logic (AWPL), Apr 6-8, 2026, Southwest University, Chongqing, China
6. The 5th Tsinghua Interdisciplinary Workshop on Logic, Language and Meaning (TLLM 2026), Apr 3-5, 2026, Tsinghua University, Beijing
7. The 23rd International Workshop on Nonmonotonic Reasoning, Nov 11-13, 2025, Melbourne, Australia
8. The 6th Workshop on Dynamic Logic - New trends and applications (DALI), Oct. 20-21, 2025, School of Philosophy, Shaanxi Normal University, Xi'an, China
9. The 5th International Conference on Artificial Intelligence, Logic and Application (AILA2025), Aug 16-17, 2025, Xi'an, China
10. International Workshop on Logical Aspects in Multi-Agent Systems and Strategic Reasoning (LAMAS&SR 2024), Nov 2-4, 2024, Hanoi, Vietnam
11. The 22nd International Workshop on Non-monotonic Reasoning (NMR 2024). The Workshop, Nov 2-4, 2024, Hanoi, Vietnam
12. The 30th Workshop on Logic, Language, Information and Computation (WOLLIC 2024), Jun 10-13, 2024, University of Bern, Switzerland
13. The 3rd International Workshop on Logic and Philosophy, May 25-26, 2024, Beijing, China
14. The 4th Tsinghua Interdisciplinary Workshop on Logic, Language, and Meaning (TLLM 2024), Mar 26-28, 2024, Beijing, China

15. The Sixth Asian Workshop on Philosophical Logic (AWPL2024), Mar 5-6, 2024, Hokkaido University, Japan
16. (Program Chair) The Pacific Rim International Conferences on Artificial Intelligence (PRICAI-2023), Nov 17-19, Jakarta, Indonesia
17. The Third Tsinghua Interdisciplinary Workshop on Logic, Language and Meaning, Apr 1-4, 2022, Tsinghua University, Beijing, China (online)
18. The 6th International Workshop on Philosophy and Logic of Social Reality, Feb 28 – Mar 1, 2022, University of Hokkaido, Japan (online)
19. (General Chair) The Pacific Rim International Conferences on Artificial Intelligence (PRICAI), Nov 8-12, 2021 (online)
20. (Program Chair) The 15th International Conference on Deontic Logic and Normative Systems (DEON 2020-2021), Jul 19-23, 2021, Munich, Germany (online)
21. (Organizing Chair) The 18th Conference on Theoretical Aspects of Rationality and Knowledge (TARK). Jun 25-27, 2021, Tsinghua University, Beijing, China (online)
22. Workshop on Teaching logic and Method of Thought at different levels of instruction (ICCE 2020), Nov, 2020, Taiwan
23. Student Session of the 32nd European Summer School in Logic, Language and Information (ESSLLI StuS 2020)
24. NETREASON 2020: Reasoning about social networks, Santiago de Compostela (Spain), Jun 8-9, 2020
25. The 5th Asian Workshop on Philosophical Logic (AWPL 2020), Apr 7-9, 2020, Hangzhou
26. The 3rd International Conference on Logic and Argumentation (CLAR 2020), Apr 6-9, 2020, Hangzhou
27. International Colloquium on Automata, Languages and Programming (ICALP), Jul 8-12, 2020, Beijing
28. The Congress for Logic, Methodology and Philosophy of Science (CLMPS2019), Aug 5-10, 2019, Prague
29. The 9th Conference on Non-Classical Logic, Theory and Applications, Sep 24–27, 2018, Toruń, Poland
30. The 14th International Conference on Deontic Logic and Normative Systems (DEON), on Jul 3–6, 2018, Utrecht
31. Chinese Conference on Logic and Argumentation (CLAR2018), June 16-17, 2018, Hangzhou
32. Student Session of the 30th European Summer School in Logic, Language and Information (ESSLLI StuS 2018)
33. Formal Epistemology Workshop (FEW), May 26-28, 2017, Seattle
34. International Conference on Principle and Practice of Multi-Agent Systems (PRIMA 2017), 2017
35. The Sixteenth conference on Theoretical Aspects of Rationality and Knowledge (TARK-17), Jul 24-26, 2017, Liverpool
36. The 15th Asian Logic Conference (ALC), Jul 2017, NIMS, South Korea

37. International Conference The Making of the Humanities (V), Oct 5-7, 2016, Baltimore, Johns Hopkins University
38. International Conference on Principle and Practice of Multi-Agent Systems (PRIMA 2016), Aug 22-26, 2016, Phuket, Thailand
39. Student Session of the 28th European Summer School in Logic, Language and Information (ESSLI StuS 2016)
40. The Second International Workshop on "Norms, Actions, Games" (NAG 2016) Jun 20-22, 2016, Toulouse
41. Chinese Conference on Logic and Argumentation (CLAR2016), Apr 1-3, 2016, Hangzhou
42. The 18th International Conference on Principles and Practice of Multi-Agent Systems (PRIMA 2015), Oct 26-30, 2015, Bertinoro, Italy
43. The 24th International Joint Conference on Artificial Intelligence (IJCAI-15) - KR Track. Jul 25-31, 2015, Buenos Aires, Argentina
44. The 5th International Workshop on Logic, Rationality and Interaction (LORI), Oct 28-31, 2015, Taipei
45. Formal Ethics 2015, Jul 3-5, 2015, University of Bayreuth, Germany
46. The 4th International Conference on Tools for Teaching Logic, Jun 9-12, 2015, Rennes, France
47. The 14th Asian Logic Conference (ALC), the Indian Institute of Technology (IIT) 5-8 January, 2015, Bombay, India
48. ESSLI Workshop on Information Dynamics in Artificial Societies, Aug 18-22, 2014, Tübingen, Germany
49. ESSLI Workshop on Epistemic Logic for Individual, Social, and Interactive Epistemology, Aug 11-15, 2014, Tübingen, Germany
50. Formal Ethics 2014, the Erasmus Institute for Philosophy and Economics (EIPE). May 30-31, 2014, Erasmus University Rotterdam
51. The 2nd Asian Workshop on Philosophical Logic, Apr 12-13, 2014, Guangzhou
52. The 3rd International Workshop on Philosophy and Ethics of Social Reality, Hokkaido University, Sapporo, Japan. Oct 25-27, 2013
53. IJCAI Workshop on Information and Trust Dynamics in Artificial Societies, Beijing. Aug 3-4, 2013
54. The 20th Workshop on Logic, Language, Information and Computation (WoLLIC). Technische Universität Darmstadt, Germany. Aug 20-23, 2013
55. The 4th International Workshop on Logic, Rationality and Interaction (LORI), Hangzhou, China. Oct 9-12, 2013
56. The 14th Conference on Theoretical Aspects of Rationality and Knowledge (TARK), Jan 1-7, 2013, Institute of Mathematical Sciences, Chennai, India
57. Workshop on Strategies for Learning, Belief Revision and Preference Change, ESSLI 2012, Aug 13-17, 2012, Opole, Poland
58. The 3rd International Workshop on Logic, Rationality and Interaction (LORI), Oct 10-13, 2011, Guangzhou
59. The 13th conference on Theoretical Aspects of Rationality and Knowledge (TARK), Jul 11-15, 2011, Groningen, The Netherlands

60. The 3rd International Congress on Tools for Teaching Logic (TICTTL), Jun 1-4, 2011, Salamanca, Spain
61. NMR 2010 Preferences and Norms, May 14-16, 2010, Toronto, Canada
62. Workshop on Logic, Rationality and Interaction (LORI), Oct 8-11, 2009, Chongqing, China
63. International Symposium on Revision Calculus and Applications, Oct 12-14, 2009, Nanjing, China

Professional service:

Journals: *Erkenntnis*, *Studia Logica*, *Theoria*, *Journal of Philosophical Logic*, *Synthese*, *Journal of Logic and Computation*, *Journal of logic, language and Information*, *Minds and Machines*, *Philosophies*, *Logics*, *逻辑学研究 (Studies in Logic)*, *哲学动态 (Trends in Philosophy)*, *世界哲学 (World Philosophy)*

Conferences: TARK, IJCAI, LORI, AWPL, PRICAI, TLLM, WOLLIC, etc.

Funding Agency: European Research Council (ERC), Irish Research Council, FWF-Austrian Science Fund, National Social Science Fund of China

Confidential reviewer: for promotion and tenure cases (various institutions)

Teaching and Supervision

Courses Taught

- Regular graduate courses at Tsinghua University: Mathematical Logic; Philosophical Logic; Modal Logic; Logics in Artificial Intelligence; Model Theory
- Regular undergraduate course at Tsinghua University: Logic and Thinking (with Chenwei Shi); First Order Logic; Logic, Language and Philosophy (with Martin Stokhof)
- Summer School course or Tutorials:
 - Empowering LLMs with Logical Reasoning: Challenges, Solutions, and Opportunities, IJCAI, Guangzhou, Aug 29-31, 2025. (with Fengxiang Cheng, Haoxuan Li, Robert van Rooij, Kun Zhang, and Zhouchen Lin)
 - LLMs and Logical Reasoning, The 19th Conference on Web and Internet Economics (WINE 2023), Shanghai, Dec 4-8, 2023
 - Current Interfaces of Logic and AI: the Case of Natural Language, The 20th Pacific Rim International Conference on Artificial Intelligence (PRICAI), Nov 15-19, Jakarta, 2023. (with Johan van Benthem)
 - Preference Logic and Preference Change, Annual Conference of the Australasian Association of Logic, Jun 22-24, 2022 (online)
 - Arguing about Knowledge in Ancient China (intensive course), University of Bayreuth, Germany, Jan 15-19, 2018
 - Arguing about Knowledge in Ancient China, January MoL Project, ILLC, University of Amsterdam, 2018
 - Social Networks and Games, January MoL Project, ILLC, University of Amsterdam (with Johan van Benthem), 2016

- Logics for Social Networks (Tutorial, 3 lectures), Institut de Recherche en Informatique de Toulouse (IRIT), Toulouse, France. Jul 7-13, 2015
- Logics for Rational Agency (5 lecture course), Second East-Asian School on Logic, Language and Computation (EASLLC), Chongqing, Aug 25-31, 2012
- Dynamic Preference Logic (Tutorial, 5 lectures), Second World Congress and School on Universal Logic, Xi'an, China. Aug 16-22, 2007

Master of Logic Theses Supervised/co-supervised

- 2023, Yuqi Liu, On why-questions about reasons for actions, Tsinghua University
- 2020, Maelle Havelange, 'White horse not horse' An Analysis of Modern Interpretative Approaches to Kung-sun Lung's White Horse Discourse, University of Amsterdam
- 2018, Yinqiu Zhu, Circular Sequent Calculus for Visser's Formal Propositional Logic FPL, Tsinghua University
- 2018, Yun Zhang, Logical Analysis of the Werewolf Game, Tsinghua University
- 2016, Yiyang Wang, Individual versus collective agency: From epistemic logic to deontic logic, Tsinghua University
- 2015, Zhiwei Yang, Preference aggregation in social setting, Tsinghua University
- 2014, Chenwei Shi, Knowledge and evidence" (*Best Master's Thesis Award*), Tsinghua University
- 2012, Hui Wang, A solution to the priority problem of commands in deontic logic, Tsinghua University
- 2011, Xin Sun, Studies on deontic logic from a game theoretical perspective, Tsinghua University
- 2010, Junhua Yu, On self-referentiality in realization: possible criteria via Gentzen calculus (*Best Master's Thesis Award*), Tsinghua University

Ph.d Dissertations Supervised/co-supervised

- 2025, Qingyu He, A Logical Study of Causality and Dependence, Tsinghua University
- 2025, Penghao Du, Graph Game Logic: Focusing on Link and Node Updates, Tsinghua University
- 2024, Zhenkun Hu, A Logical Study of Argumentation Patterns in the *Xunzi*: The 'Fan-Gu' Argumentation Pattern as an Example, Tsinghua University
- 2023, Lei Li, Games, Boards and Play: A Logical Perspective. Tsinghua University, University of Amsterdam (*joint degree*)
- 2023, Yiyang Wang, Collective Agency: From Philosophical and Logical Perspectives, Tsinghua University, University of Amsterdam (*joint degree*)
- 2023, Jialiang Yan, Monotonicity in Intensional Contexts: Weakening and Pragmatic Effects under Modals and Attitudes, Tsinghua University, University of Amsterdam (*joint degree*)
- 2022, Yang Sun, From Order Lifting To Deontic Logic, Tsinghua University
- 2022, Zhiqiang Sun, On the Mohist Logic from the Perspective of Natural Logic, A Case Study of 'Mou Reasoning', Tsinghua University
- 2021, Yu Chen, Understanding the Meaning of a Sentence Dynamically. Explicit and Implicit Approaches, Tsinghua University

2021, Dazhu Li, Formal Threads in the Social Fabric: Studies in the Logical Dynamics of Multi-Agent Interaction, Tsinghua University, University of Amsterdam (*joint degree*)
 2021, Haibin Gui, Knowledge, Doubt and Evidence: Also on Jin Yuelin's View of Knowledge, Tsinghua University
 2020, Kaibo Xie, Where Causality, Conditionals and Epistemology meet: A Logical Inquiry, University of Amsterdam
 2020, Xiaoxuan Fu, Preference lifting under Uncertainty, Tsinghua University
 2019, Kun Xing, A New Semantic Theory of Natural Language, Tsinghua University
 2018, Chenwei Shi, Reason to Believe, University of Amsterdam

Current student projects

Mingliang Chu, Medieval logics, Tsinghua University
 Qian Chen, Tense logic, Tsinghua University
 Xi Yang, Logic and Games (joint degree candidate)
 Weijun Yu, History of Chinese logic

Ph.d Dissertation Committees outside Tsinghua

2023, Mo Liu, University of Lorraine
 2022, Su Xingchi, University of Groningen
 2021, Anthia Solaki, University of Amsterdam
 2020, Ilaria Canavotto, University of Amsterdam
 2018, Malvin Gattinger, University of Amsterdam
 2017, Yunqi Xue, The City University of New York
 2017, Aybüke özgün, University of Amsterdam
 2016, Zoe Christoff, University of Amsterdam
 2015, Chanjuan Liu, Peking University
 2014, Jonas De Vuyst, the Free University of Brussels
 2014, Qingfang Fu, Peking University
 2014, Li Ma, Peking University
 2014, Zhen Zhao, Peking University
 2011, Zhaoqing Xu, Peking University
 2009, Qing Jia, Renmin University
 2008, Yi Wang, Peking University

Master Thesis Committees

December 2021, Pepijn P.J. Kroes, Finiteness, Invariance, and Analogy: A Minimal Model for Adaptive Processes, ILLC, University of Amsterdam
 June 2015, Pietro Pasotti, Chisholm's Paradox in Action Deontic Logics, ILLC, University of Amsterdam
 March 2015, Roosmarijn Eva Goldbach, Modelling democratic deliberation, ILLC, University of Amsterdam
 December 2014, Lara Elise van Weegen, Informational cascades under variable reliability assessments: A formal and empirical investigation, ILLC, University of Amsterdam

Amsterdam

Organization and Professional Service

Tsinghua-UvA Joint Research Center for Logic

Co-director Tsinghua-Amsterdam Research Center for Logic, continuing and expanding the tradition founded by Jin Yuelin in an international collaboration.

Logic in Beijing and China

- Since 2020, President of the Beijing Logic Association
- Since 2020, Vice-President of Chinese Society of Logic

International Events Organized

1. Events at Tsinghua University

- Regular Tsinghua Research Seminar: We invite researchers from philosophy, linguistics, cognitive science and artificial intelligence to exchange ideas, stimulate the local students and researchers, and promote the incipient cooperation between Chinese and foreign researchers.
- The JRC 10th Anniversary, Nov 3, 2023, Tsinghua
- Wang Hao Lectures, by Hugh Woodin (Harvard Uni.) and Moshe Vardi (Rice Uni.), Sep 26-28, 2023, Tsinghua
- Book Seminar “Ideas and Times”: Approaching Meaning, Apr 29, 2023, Tsinghua
- Special Session on Logic and Games, Nov 26, 2022 (hybrid)
- Special Session on Logic, Causality and Dependence, Nov 29, 2022 (hybrid)
- Logic on the Road: An Encounter with Current Research from Theoretical Philosophy to Behavior and Locomotion, Dec 11, 2022 (hybrid)
- Legacy of the Tsinghua Logic School, Apr 21, 2022 (hybrid)
- The 18th Conference on Theoretical Aspects of Rationality and Knowledge, Jun 25-27, 2021 (online)
- The 21st 'Philosophical Analysis' Forum - Professor Wang Lu's Retirement Commemoration and Symposium, Jun 11-13, 2021
- Workshop on Logic with Vector Space Models, Nov 13, 2020 (hybrid)
- The 6th Tsinghua Logic Colloquium — Hiking Mount Logic, Tsinghua, Sep 28, 2019
- Workshop on Logics for the Formation and Dynamics of Social Norm, Hangzhou, May 4-5, 2019
- Asian Workshop on Philosophical Logic -IV, Oct 20-21, 2018
- Workshop Tsinghua meets CUNY, Oct 19, 2018
- The Search for Principles and Patterns from Antiquity to the Present, 20 Nov, 2017
- From Computation to Agency, Beijing, 28-29 Oct, 2017
- Tsinghua Meets Bayreuth, Beijing, Aug 8-12, 2016
- International Jin Yuelin Conference on Logic, Dao and Epistemology, Beijing, Oct 17-19, 2015

- KNAW-Workshop on Information Flow in a Social World, Beijing, Oct 20-21, 2015
 - KNAW-Workshop on The Logical Dynamics of Information, Agency and Interaction, Amsterdam, Oct 2-3, 2014
 - The Third East-Asian School on Logic, Language and Computation (EASLLC 2014), Jul 3-8, 2014, Tsinghua University, Beijing
 - Workshop Trends in Logic — Presenting the Tsinghua-UvA Joint Research Center, Beijing, Jul 2, 2014
 - Workshop on Methodology of Studies of the History of Logic in China, Jun 7, 2014, Tsinghua University
 - Workshop on Knowledge, Rationality and Decision Making, Mar 1, 2014, Tsinghua University, Beijing
 - Logic across the University: Foundations and Application. Oct 14-16, 2013, Tsinghua University, Beijing
 - Workshop Tsinghua Meets UvA, Oct 18 2013, Tsinghua University, Beijing.
 - Logic, Language and Philosophy: Tutorials + Workshop, Tsinghua University, Beijing, China. Jun 13-18, 2011
 - Mini-Workshop on Modal Logic, Language and Logical Dynamics, Tsinghua University, Beijing, China. Jun 12, 2011
 - Workshop on Proofs, Reasons and Games, Tsinghua University, Beijing, China. Nov 7, 2008
2. Tsinghua Jin Yuelin Lectures
 - By Hannes Leitgeb (Munich), Oct, 2025
 - By Peter Gardenfors (Lund), Oct, 2023
 - By Edward Keenan (UCLA), Apr, 2021 (online)
 - By Michael Woodridge (Oxford), Oct, 2019
 - By Joe Halpern (Cornel), Oct, 2017
 - By John Perry (Stanford), Sep, 2015
 3. Tsinghua Interdisciplinary Workshop on Logic, Language, and Meaning (TLLM)
 - Workshop on Logic, Language, and Meaning, Tsinghua, Apr 20-21, 2019
 - The Second Tsinghua Interdisciplinary Workshop on Logic, Language, and Meaning: Monotonicity in Logic and Language, Dec 17-20, 2020
 - The Third Tsinghua Interdisciplinary Workshop on Logic, Language, and Meaning: Dynamics in Logic and Language, Apr 1-4, 2022
 - The Fourth Tsinghua Interdisciplinary Workshop on Logic, Language, and Meaning: The Connectives in Logic and Language, Mar 29-31, 2024.
 4. Door to Logic Workshop Series.
 - Workshop on Modal Logic: A Dialogue between Author and Translators, Renmin University, Beijing, China. Aug 1, 2007
 - Workshop on Logic, Language and Cognition, Tsinghua University, Beijing, China. Oct 25, 2008
 - Workshop Door to Logic, Tsinghua University, Beijing, China. May 22-23, 2010
 - Workshop on Logic, Language and Translation, Tsinghua University, Beijing, China. Oct 19, 2013

5. Workshop on Logic, Rationality and Interaction (LORI). Started in Aug 2007. Secretary in General, LORI Standing Committee.
 - LORI-I: Beijing, Aug 5-9, 2007
 - LORI-II: Chongqing, Oct 8-11, 2009
 - LORI-III: Guangzhou, Oct 10-13, 2011
 - LORI-IV: Hangzhou, Oct 9-12, 2013
 - LORI-V: Taipei, Oct 28-31, 2015
 - LORI-VI: Sapporo, Sep 11-14, 2017
 - LORI-VII: Chongqing, Oct 18-21, 2019
 - LORI-VIII: Xi'an, Oct 16-19, 2021
 - LORI-IX: Jinan, Oct 26-29, 2023
 - LORI-X: Xi'an, Oct 16-19, 2025
6. HOLIC Workshop Series on the History of Logic in China. Started in 2010. I am one of the primary convenors.
 - HOLIC-I: Amsterdam, Nov 24-26, 2010
 - HOLIC-II: Tianjin, Apr 27-29, 2013
 - HOLIC-III: Tianjin, Apr 26-28, 2014
 - HOLIC Workshop on Logic, Language and Translation, Feb 26, 2016
 - HOLIC Workshop on Glossaries and Translations, July 2, 2016
 - HOLIC Workshop on the Handbook of Logical Thought in China, May 17, 2019
 - HOLIC Workshop Textual Analysis as the Basis for Understanding Chinese Logical Thought, Jan 15-17, 2022
7. Asian Workshop on Philosophical Logic (AWPL). Started in 2012. I am one of the primary convenors.
 - The 1st Asian Workshop on Philosophical Logic. Ishikawa, Feb 15-17, 2012
 - The 2nd Asian Workshop on Philosophical Logic. Guangzhou, 12-13, Apr 12-13, 2014
 - The 3rd Asian Workshop on Philosophical Logic. Taipei, 5-8 Oct 5-8, 2016
 - The 4th Asian Workshop on Philosophical Logic. Beijing, Oct 20-21, 2018
 - The 5th Asian Workshop on Philosophical Logic. Hangzhou, Apr 7-9, 2020
 - The 6th Asian Workshop on Philosophical Logic. Sapporo, Mar 4-6, 2024
 - The 7th Asian Workshop on Philosophical Logic. Kolkata, Feb 6-8, 2025
 - The 8th Asian Workshop on Philosophical Logic. Kolkata, Apr 6-8, 2026
8. Other academic events
 - VIU Graduate Seminar Belief Change and Information Exchange: Current Trends in Epistemic Logic, Italy, 2026