

CV of Xu Li

Contact Information

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Education

- 2025 PhD in computer science, *University of Luxembourg*, Luxembourg
- 2021 Master in logic, *Zhejiang University*, China
- 2018 Bachelor in laws, *South China Normal University*, China

Publications

Find a .bib file of my publications [here](#).

Journal

- X. Li, G. Aucher, D. Gabbay, and R. Markovich, "From knowledge to action: Logics of permitted and obligatory announcements," *Journal of Artificial Intelligence Research*, vol. 82, no. 2025, pp. 1629--1672, 2025, doi: <https://doi.org/10.1613/jair.1.17180>.
- X. Li and R. Markovich, "A dynamic logic of the right to know," *Journal of Applied Logics*, vol. 12, no. 2, pp. 221--250, 2025, Available: <https://www.collegepublications.co.uk/ifcolog/?00070>
- Y. N. Wáng and X. Li, "A logic of knowledge based on abstract arguments," *Journal of Logic and Computation*, vol. 31, no. 8, pp. 2004--2027, 2021, doi: <https://doi.org/10.1093/logcom/exab002>.

Conference

- Lara Lawniczak, Luca Pasetto, Christoph Benz Müller, Xu Li and Réka Markovich, Reasoning with Epistemic Rights and Duties: Automating a Dynamic Logic of the Right to Know in LogiKEY, in *ECAI2025*, forthcoming.
- X. Li, L. Yu, and L. van der Torre, "Rational monotony in input/output logic," in *The 17th international conference on deontic logic and normative systems (DEON 2025)*, 2025, pp. 255--272. Available: <https://www.collegepublications.co.uk/DEON/?00005>
- X. Li, "Deontic sufficiency in dyadic deontic logic," in *The 6th international conference on logic and argumentation (CLAR 2025)*, 2025. doi: https://doi.org/10.1007/978-981-96-7956-0_10.
- X. Li, "The logic of epistemic obligation and two-dimensional semantics," in *Trends in logic XXIII*, 2023, pp. 66--69. Available: <https://sites.google.com/view/trends-bless-2023/home/abstracts?authuser=0>
- X. Li, "The logic of epistemic obligation and two-dimensional semantics," in *Trends in logic XXIII*, 2023, pp. 66--69. Available: <https://sites.google.com/view/trends-bless-2023/home/abstracts?authuser=0a>
- H. Dong, D. Doder, X. Li, R. Markovich, L. van der Torre, and M. van Zee, "Rights and practical reasoning in deontic logic," in *Deontic logic and normative systems: 16th international conference, DEON 2023*, College Publications, 2023, pp. 1--19. Available: <https://www.collegepublications.co.uk/DEON/?00004>
- L. Yu, C. Al Anaissy, S. Vesic, X. Li, and L. van der Torre, "A principle-based analysis of bipolar argumentation semantics," in *Logics in artificial intelligence (JELIA 2023)*, S. Gaggl, M. V. Martinez, and M. Ortiz, Eds., Cham: Springer Nature Switzerland, 2023, pp. 209--224. doi: https://doi.org/10.1007/978-3-031-43619-2_15.
- X. Li, D. Gabbay, and R. Markovich, "Dynamic deontic logic for permitted announcements," in *Proceedings of the 19th international conference on principles of knowledge representation and reasoning*, 2022, pp. 226--235. doi: <https://doi.org/10.24963/kr.2022/23>.
- H. Dong, X. Li, and Y. N. Wáng, "Weighted modal logic in epistemic and deontic contexts," in *Logic, rationality, and interaction*, S. Ghosh and T. Icard, Eds., Cham: Springer International Publishing, 2021, pp. 73--87.

- X. Li and Y. N. Wáng, "A logic of knowledge and belief based on abstract arguments," in *Logic and argumentation*, M. Dastani, H. Dong, and L. van der Torre, Eds., Cham: Springer International Publishing, 2020, pp. 116--130.

Teaching

Teaching Assistant of the following courses at University of Luxembourg:

- Intelligent Agents 2 (MICS-47)
- Intelligent Agents 1 (MICS-2-21)

Teaching Assistant of the following courses at Zhejiang University:

- Introduction to Logic (041A9180)
- Nonclassical Logic (04129760)
- Fundamentals of Mathematical Logic (0421202)
- Social Networks (04198250)
- Epistemic Logic (PHIL3001)

Academic Activities

Organizer of the following workshops:

- The Closing Workshop for DELIGHT Project (May 30, 2025, Luxembourg)

Reviewer of the following journals:

Information and Computation, Annals of Mathematics and Artificial Intelligence, Journal of Logic and Computation, Studies in Logic ()

Reviewer of the following conferences:

AAAI2026, PRIMA2025, DEON2025 (Subreviewer), WoLLIC2023 (Subreviewer), KR2020 (Subreviewer), AAMAS2020 (Subreviewer)

Awards

- 2021 Zhejiang Province Excellent Master's Thesis (2021)