

Paolo Traverso – publication list (updated July 2025)

Text Books

1. M. Ghallab, D. Nau, P. Traverso. *AUTOMATED PLANNING AND ACTING*. Cambridge University Press, August 2016. ISBN: 9781107037274.
2. M. Ghallab, D.S. Nau, P. Traverso: *AUTOMATED PLANNING - THEORY AND PRACTICE*. Elsevier 2004, ISBN-13: 978-1-55860-856-6, ISBN-10: 1-55860-856-7, pp. I-XXVIII, 1-635. Chinese translation by Yunfei Jiang at Zhongshan. University in Guangzhou, China.
3. M. Ghallab, D. Nau, and P. Traverso: *ACTING, PLANNING, AND LEARNING*. Cambridge University Press, 2025, ISBN: 9781009579346.

Book Chapters

4. Fosca Giannotti, Stefano Merler, Dino Pedreschi, Paolo Traverso: *I.A. e i big data sanitari – rilevazione degli esordi e diffusione dell'epidemia*. In A. Pajno and L. Violante (eds.), "BIOPOLITICA, PANDEMIA E DEMOCRAZIA, Rule of law nella società digitale– Vol. III". Il Mulino, ISBN 9788815292797, 2021.
5. A. Dengel, O. Etzioni, N. DeCario, H. Hoos, Fei-Fei Li, J. Tsujii, P. Traverso. *Next big challenges in core AI technology*. In B. Braunschweig and M. Ghallab (eds.), *Reflections on Artificial Intelligence for Humanity*. Springer, LNCS 12600, pp 90-115, 2021.
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11. P. Traverso, *The Problem of Planning with Three Sources of Uncertainty*. In G. Della Riccia, D. Dubois, R. Kruse, H.J. Lenz (eds.), *Planning Based on Decision Theory, (CISM International Centre for Mechanical Sciences)*, Springer, 2003
12. P. Bertoli, P. Traverso, *Design Verification of a Safety-Critical Embedded Verifier*. In M. Kaufmann, Mandios Panagiotis, J. Strother Moore (eds.), *Computer-Aided Reasoning: ACL2 Case Studies*, Kluwer, 2000, pp. 233-245
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14. F. Giunchiglia, P. Traverso, *A System for Multi-Level Mathematical Reasoning*. In J. Johnson, S. McKee, A. Vella (eds.), *Artificial Intelligence in Mathematics*, Oxford, Clarendon Press, 1994, pp. 119-134

Editing of International Conference Proceedings

15. Chiara Ghidini, Bernardo Magnini, Andrea Passerini, Paolo Traverso (eds.), *AI*IA 2018 - Advances in Artificial Intelligence - XVIIth International Conference of the Italian Association for Artificial Intelligence*. Trento, Italy, November 20-23, 2018, Proceedings. Lecture Notes in Computer Science 11298, Springer 2018, ISBN 978-3-030-03839-7

16. Tim A. Majchrzak, Paolo Traverso, Karl-Heinz Krempels, Valérie Monfort (eds.), *Web Information Systems and Technologies - 13th International Conference, WEBIST 2017, Revised Selected Papers*. Porto, Portugal, April 25–27, 2017, Revised Selected Papers. Springer, LNBIP 322, 2018. ISBN 978-3-319-93527-0
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18. E. Di Nitto, A.M. Sassen, P. Traverso, A. Zwegers (eds.), *At Your Service: Service-Oriented Computing from an EU Perspective*, (Cooperative Information Systems), MIT Press, 2009
19. J. Domingue, D. Fensel, P. Traverso (eds.), *Future Internet - FIS 2008, First Future Internet Symposium, FIS 2008, Vienna, Austria, September 29-30, 2008, Revised Selected Papers*, (Lecture Notes in Computer Science), Springer, 2009
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28. Leonardo Lamanna ^a, Luciano Serafini ^a, Alessandro Saetti ^b, Alfonso Emilio Gerevini ^b, Paolo Traverso · *Lifted action models learning from partial traces*. In «ARTIFICIAL INTELLIGENCE», Volume 339, February 2025, 104256, Elsevier.
29. S. Patra, M. Ghallab, J.M. Mason, D. Nau, P. Traverso, *Deliberative Acting, Online Planning and Learning with Hierarchical Operational Models*. In «ARTIFICIAL INTELLIGENCE», Volume 299, 103523, Elsevier, October 2021.
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37. M.P. Papazoglou, P. Traverso, S. Dustdar, F. Leymann, *Service-Oriented Computing: A Research Roadmap*, in «INTERNATIONAL JOURNAL OF COOPERATIVE INFORMATION SYSTEMS», vol. 17, n. 2, 2008, pp. 223-255
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