

Paolo Traverso – publication list

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.

Book Chapters

3. M. Pistore, P. Traverso, M. Paolucci, M. Wagner, *From Software Services to a Future Internet of Services*. In G. Tselentis, al et (eds.), *Towards the Future Internet - A European Research perspective*, IOS Press, 2009, pp. 183-192
4. A. Cimatti, M. Pistore, P. Traverso, *Automated Planning*. In F. van Harmelen, V. Lifschitz, B. Porter (eds.), *Handbook of Knowledge Representation*, Elsevier, 2008, pp. 841-867
5. M. Pistore, P. Traverso, *Assumption Based Composition and Monitoring of Web Services*. In L. Baresi, E. DiNitto (eds.), *Test and Analysis of Service-Oriented Systems*, Springer, 2007, pp. 307-338
6. P. Traverso, *Planning Under Uncertainty and Its Applications*. In Oliviero Stock, Marco Schaerf (eds.), *Reasoning, Action and Interaction in AI Theories and Systems. Essays Dedicated to Luigia Carlucci Aiello*, (Lecture Notes in Computer Science - Lecture Notes in Artificial Intelligence), Springer, 2006, pp. 213-228
7. 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
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Editing of International Conference Proceedings

11. 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, LNBI 322, 2018. ISBN 978-3-319-93527-0
12. T.A. Majchrzak, P. Traverso, V. Monfort, K.H. Krempels (eds.), *WEBIST 2016 Proceedings of the 12th International Conference on Web Information Systems and Technologies*. ISBN: 978-989-758-186-1, SCITEPRESS 2016.
13. 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
14. 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
15. L. Aroyo, P. Traverso, F. Ciravegna, P. Cimiano, T. Heath, E. Hyvönen, R. Mizoguchi, E. Oren, M. Sabou, E. Paslaru Bontas Simperl (eds.), *The Semantic Web: Research and Applications, 6th European Semantic Web Conference, ESWC 2009*, Springer, 2009
16. D. Dochev, M. Pistore, P. Traverso (eds.), *Artificial Intelligence: Methodology, Systems, and Applications. 13th International Conference, AIMSA 2008, Proceedings*, (LNCS), Springer Verlag, 2008
17. G. Brewka, S. Coradeschi, A. Perini, P. Traverso (eds.), *ECAI 2006 - 17th European Conference on Artificial Intelligence. August 29 - September 1, 2006 - Riva del Garda, Italy. Proceedings*, Amsterdam, IOS Press, 2006

18. B. Benatallah, F. Casati, P. Traverso (eds.), *Service-Oriented Computing – ICSSOC 2005. Proceedings of the Third International Conference, Amsterdam, The Netherlands, December 12-15, 2005*, (Lecture Notes in Computer Science), Springer, 2005
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23. M. Ghallab, D.S. Nau, P. Traverso, *The actor's view of automated planning and acting: A position paper*. In «ARTIFICIAL INTELLIGENCE», vol. 208, March 2014, pp. 1-17.
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25. U. Kuter, D.S. Nau, M. Pistore, P. Traverso, *Task decomposition on abstract states, for planning under nondeterminism*. In «ARTIFICIAL INTELLIGENCE», vol. 173, 2009, pp. 669-695
26. A. Marconi, M. Pistore, P. Traverso, *Automated Composition of Web Services: the ASTRO Approach*. In IEEE Data(base) Engineering Bulletin, IEEE, 2008, pp. 23-26
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30. P. Bertoli, A. Cimatti, M. Roveri, P. Traverso, *Strong Planning under Partial Observability*. In «ARTIFICIAL INTELLIGENCE», vol. 170, n. 4-5, 2006, pp. 337-384
31. A. Fuxman, L. Liu, J. Mylopoulos, M. Pistore, M. Roveri, P. Traverso, *Specifying and Analyzing Early Requirements in Tropos*. In «REQUIREMENTS ENGINEERING», vol. 9, n. 2, 2004, pp. 132-150
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46. Patra S., Ghallab M., Nau D., Traverso P.. *Acting and Planning Using Operational Models*. In proceedings of the Thirty-Third AAAI Conference on Artificial Intelligence (AAAI-19). January 27-February 1, 2019, Honolulu (Hawaii, USA). In press.
47. Patra S., Ghallab M., Nau D., Traverso P.. *Using Operational Models to Integrate Acting and Planning*. In proceedings of the Sixth Annual Conference on Advances in Cognitive Systems. August 18-20, 2018, Stanford University (CA, USA).
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49. A. Bucchiarone, M. De Sanctis A. Marconi, M. Pistore, P. Traverso, *Incremental Composition for Adaptive by-Design Service Based Systems*. In Proceedings of the 23rd IEEE International Conference on Web Services (IEEE ICWS 2016). San Francisco (USA), July 2016.
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51. P. Traverso, D.S. Nau, M. Ghallab, *An IPC Track on Deliberative Acting: Moving the competition ahead towards more relevant scientific challenges*. In Proceedings of the Workshop on the International Planning Competition (WIPC-15), pp. 29-34. Jerusalem (Israel), June 2015.
52. M. Gerosa, A. Marconi, M. Pistore, P. Traverso, *An open platform for children's independent mobility*. In Proceedings of the 4th International Conference on Smart Cities, Green Technologies, and Intelligent Transport Systems, SMARTGREENS 2015; Lisbon; Portugal; May 2015, Volume 579, 2015, Pages 50-71.
53. D.S. Nau, M. Ghallab, P. Traverso, *Blended Planning and Acting: Preliminary Approach, Research Challenges*. In Proceedings Twenty-Ninth AAAI Conference on Artificial Intelligence (AAAI-15), vol. 6, p. 4047-4051, ISBN: 978-157735704-9. Austin (Texas, USA), January 2015, AAAI Press.
54. A. Bucchiarone, M. De Sanctis, A. Marconi, M. Pistore, P. Traverso, *Design for Adaptation of Distributed Service-Based Systems*. In: International Conference on Service Oriented Computing (ICSOC). vol. 9435, Springer International Publishing, Goa, India, 16-19/11/2015, doi: 10.1007/978-3-662-48616-0 27
55. A. Bucchiarone, A. Marconi, M. Pistore, P. Traverso, P. Bertoli, R. Kashamiakin, *Domain Objects for Continuous Context-Aware Adaptation of Service-based Systems*. In Proceedings ICWS 2013 – 20th International Conference on Web Services. Santa Clara, CA (USA), 2013, IEEE Press, pp 571-578.
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