

Paolo Traverso – publication list

Text Book

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

Book Chapters

3. M. Pistore, P. Traverso, M. Paolucci, M. Wagner, *From Software Services to a Future Internet of Services*. In G. Tselentis, et al (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. 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.
12. 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
13. 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
14. 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
15. 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
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 – ICSOC 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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21. D. Hutter, W. Stephan, P. Traverso, M. Ullmann, *Applied Formal Methods - FM-Trends 98*, (Lecture Notes in Computer Science), Springer, 1999
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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.
24. P. Bertoli, M. Pistore, P. Traverso, *Automated composition of web services via planning in asynchronous domains*. In «ARTIFICIAL INTELLIGENCE», vol. 174, n. 3-4, 2010, pp. 316-361
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
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30. 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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45. 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.
46. P. Traverso, *20 Years of Planning via Model Checking: From Theory to Practice*. Keynote/Abstract in Proceedings of the 2nd Workshop on Model checking and Automated Planning (MOCHAP-15), p. 5. Jerusalem (Israel), June 2015.
47. 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.
48. 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.
49. 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). Austin (Texas, USA), January 2015, AAAI Press.
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60. F. Barbon, P. Traverso, M. Pistore, M. Trainotti, *Run-Time Monitoring of Instances and Classes of Web Service Composition*. In ICWS, 2006 IEEE International Conference on Web Services, IEEE, 2006, pp. 63-71 (ICWS, 2006 IEEE International Conference on Web Services, Chicago, IL, USA) 2006
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