

Publications

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• Journal papers

1. Liu, X., Lorini, E. (2023). A Unified Logical Framework for Explanations in Classifier Systems. *Journal of Logic and Computation*, 33(2), pp. 485-515.
2. Loreggia, A., Calegari, R., Lorini, E., Rossi, F., Sartor, G. (2022). How to Model Contrary-to-Duty with GCP-nets. *Intelligenza Artificiale: The International Journal of the AIxIA*, 16(2), pp. pp. 185-198.
3. Lorini, E., Song, P. (2022). A Computationally Grounded Logic of Awareness. *Journal of Logic and Computation*, <https://doi.org/10.1093/logcom/exac035>.
4. Loreggia, A., Lorini, E., Sartor, G. (2022). Modeling Ceteris Paribus Preferences with Deontic Logic. *Journal of Logic and Computation*, 32(2), pp. 347–368.
5. Lorini, E. (2021). La Logica delle Aspettative. *Sistemi Intelligenti*, 3/2021, pp. 415–430. (In Italian)
6. Lorini, E. (2021). A Qualitative Theory of Cognitive Attitudes and their Change. *Theory and Practice of Logic Programming*, 21(4), pp. 428-458.
7. Grandi, U., Lorini, E., Novaro, A., Perrussel, L. (2021). Games of influence. *Journal of Logic and Computation*, 31(4), pp. 1129-1157.
8. Lorini, E. (2020). Rethinking epistemic logic with belief bases. *Artificial Intelligence*, 282.
9. Balbiani, P., Fernández-Duque, D., Lorini, E. (2019). The dynamics of epistemic attitudes in resource-bounded agents. *Studia Logica*, 107, pp. 457–488.
10. Lorini, E., Mühlenbernd, R. (2018). The long-term benefits of following fairness norms under dynamics of learning and evolution. *Fundamenta Informaticae*, 158(1-3), pp. 121-148.

11. Ciuni, R., Lorini, E. (2018). Comparing semantics for temporal STIT logic. *Logique & Analyse*, 61(243), pp. 299-339.
12. Lorini, E. (2017). Logics for games, emotions and institutions. *If-CoLog Journal of Logics and their Applications*, 4(9), pp. 3075-3113.
13. Dubois, D., Lorini, E., Prade, H. (2017). The strength of desires: a logical approach. *Minds and Machines*, 27(1), pp. 199-231.
14. Herzig, A., Lorini, E., Perrussel, L., Xiao, Z. (2017). BDI logics for BDI architectures: old problems, new perspectives. *Künstliche Intelligenz*, 31(1), pp. 73-83.
15. Attanasi, G., Hopfensitz, A., Lorini, E., Moisan, F. (2016). Social connectedness improves co-ordination on individually costly, efficient outcomes. *European Economic Review*, 90, pp. 86-106.
16. Lorini, E., Sartor, G. (2016). A STIT logic for reasoning about social influence. *Studia Logica*, 104(4), pp. 773-812.
17. Galeazzi, P., Lorini, E. (2016). Epistemic logic meets epistemic game theory: a comparison between multi-agent Kripke models and type spaces. *Synthese*, 193(7), pp. 2097-2127.
18. Bolander, T., van Ditmarsch, H., Herzig, A., Lorini, E., Pardo, P., Schwarzenrüber, F. (2016). Announcements to attentive agents. *Journal of Logic, Language and Information*, 25(1), pp. 1-35.
19. Lorini, E. (2016). A minimal logic for interactive epistemology. *Synthese*, 193(3), pp. 725-755.
20. Lorini, E. (2016). A logic for reasoning about moral agents. *Logique & Analyse*, 58(230), pp. 177-218.
21. Grossi, D., Lorini, E., Schwarzenrüber, F. (2015). The ceteris paribus structure of logics of game forms. *Journal of Artificial Intelligence Research*, 53, 91-126.
22. Lorini, E., Longin, D., Mayor, E. (2014). A logical analysis of responsibility attribution: emotions, individuals and collectives. *Journal of Logic and Computation*, 24(6), pp. 1313-1339.
23. Hopfensitz, A., Lorini, E., Moisan, F. (2014). Conflicting goals and their impact on games where payoffs are more or less ambiguous. Commentary on "Mapping Collective Behavior in the Big-data Era". *Behavioral and Brain Sciences*, 37(1), pp. 85-87.
24. Attanasi, G., Hopfensitz, A., Lorini, E., Moisan, F. (2014). The effects of social ties on coordination: conceptual foundations for an empirical analysis. *Phenomenology and the Cognitive Sciences*, 13(1), pp. 47-73.
25. Lorini, E. (2013). Temporal STIT logic and its application to normative reasoning. *Journal of Applied Non-Classical Logics*, 23(4), pp. 372-399.

26. Lorini, E. (2013). On the epistemic foundation for iterated weak dominance: an analysis in a logic of individual and collective attitudes. *Journal of Philosophical Logic*, 42(6), pp. 863-904.
27. Reizenzein, R., Hudlicka, E., Dastani, M., Gratch, J., Hindriks, K., Lorini, E., Meyer, J.-J. (2013). Computational modeling of emotion: towards improving the inter- and intradisciplinary exchange. *IEEE Transactions on Affective Computing*, 4(3), pp. 246-266.
28. Lorini, E., Troquard, N., Herzig, A., Broersen, J. (2012). Grounding power on actions and mental attitudes. *Logic Journal of the IGPL*, 21 (3), pp. 311-331.
29. Lorini, E. (2011). From self-regarding to other-regarding agents in strategic games: a logical analysis. *Journal of Applied Non-Classical Logics*, 21 (3-4), pp. 443-476.
30. Lorini, E., Moisan, F. (2011). An epistemic logic of extensive games. *Electronic Notes in Theoretical Computer Science*, 278, pp. 245-260.
31. Lorini, E., Schwarzentruher, F. (2011). A logic for reasoning about counterfactual emotions. *Artificial Intelligence*, 175(3-4), pp. 814-847.
32. Lorini, E., Schwarzentruher, F. (2010). A modal logic of epistemic games. *Games*, 1(4), pp. 478-526.
33. Lorini, E. (2010). A dynamic logic of agency II: deterministic DLA, coalition logic, and game theory. *Journal of Logic, Language and Information*, 19(3), pp. 327-351.
34. Ben-Naïm, J., Bonnefon, J. F., Herzig, A., Leblois, S., Lorini, E. (2010). Computer-mediated trust in self-interested expert recommendations. *AI & Society*, 25(4), pp. 413-422.
35. Herzig, A., Lorini, E., Hübner, J. F., Vercouter, L. (2010). A logic of trust and reputation. *Logic Journal of the IGPL*, 18(1), pp. 214-244.
36. Herzig, A., Lorini, E. (2010). A dynamic logic of agency I: STIT, abilities and powers. *Journal of Logic, Language and Information*, 19(1), pp. 89-121.
37. Herzig, A., de Lima, T., Lorini, E. (2009). On the dynamics of institutional agreements. *Synthese*, 171(2), pp. 321-355.
38. Lorini, E., Longin, D., Gaudou, B., Herzig, A. (2009). The logic of acceptance: grounding institutions on agents' attitudes. *Journal of Logic and Computation*, 19(6), pp. 901-940.
39. Lorini, E., Herzig, A. (2008). A logic of intention and attempt. *Synthese*, 163(1), pp. 45-77.
40. Lorini, E., Castelfranchi, C. (2007). The cognitive structure of surprise: looking for basic principles. *Topoi: An International Review of Philosophy*, 26(1), pp. 133-149.

41. Lorini, E., Castelfranchi, C. (2006). The unexpected aspects of surprise. *International Journal of Pattern Recognition and Artificial Intelligence*, 20 (6), pp. 817-833.

- **Books**

1. Lorini, E. (in preparation). *Logics for multi-agent systems*. Series SpringerBriefs, Springer.

- **Edited special issues**

1. Blackburn, P., Lorini, E. (2022). Special issue of the 7th International Workshop on Logic, Rationality, and Interaction (LORI 2019). *Journal of Logic, Language and Information*, 31(2).
2. Herzig, A., Lorini, E., Pearce, D. (2019). Special issue on Social Intelligence. *AI & Society*, 34(4).
3. Boissier, O., Bonnet, G., Lorini, E. (2018). Special issue on “Éthique et Intelligence Artificielle”. *Revue d’Intelligence Artificielle*, 32(4).
4. Lorini, E., Perrussel, L., Muehlenbernd, R. (2016). Special issue on Information Dynamics in Artificial Societies. *Journal of Logic, Language and Information*, 25(3-4).
5. Herzig, A., Lorini, E. (2011). Special issue on Logical Methods for Social Concepts. *Journal of Philosophical Logic*, 40(4).
6. Lorini, E., Vieu, L. (2011). Special issue on Theories of Information Dynamics and Interaction and their Application to Dialogue. *Synthese*, 183(1).

- **Edited books and conference proceedings**

- 1.
2. Blackburn, P., Lorini, E., Guo, M. (2019). *Proceedings of the 7th International Workshop on Logic, Rationality, and Interaction (LORI 2019)*. LNCS, Springer-Verlag.
3. Herzig, A., Lorini, E. (2015). *The cognitive foundations of group attitudes and social interaction*. Series “Studies in the Philosophy of Sociality”, Springer.
4. Herzig, A., Lorini, E. (2014). *Proceedings of the European Conference on Social Intelligence (ECSI-2014)*. CEUR Workshop Proceedings 1283, CEUR-WS.org 2014.
5. Lorini, E. (2013). *Proceedings of the Eleventh European Workshop on Multi-Agent Systems (EUMAS 2013)*. CEUR Workshop Proceedings 1113, CEUR-WS.org 2013.

- **Book chapters**

1. Herzig, A., Lorini, E., Perrotin, E. (forthcoming). Logic of Action from the Perspective of Knowledge Representation. In J. Malinowski, J. Palczewski (Eds.), *Janusz Czelakowski on Logical Consequence*, Outstanding Contributions to Logic, Springer.
2. Ben-Naim, J., Longin, D., Lorini, E. (2020). Formalization of Cognitive-Agent Systems, Trust, and Emotions. In P. Marquis, O. Papini, H. Prade (Eds.), *A Guided Tour of Artificial Intelligence Research*, Volume 1 (Knowledge Representation, Reasoning and Learning), Springer International Publishing, pp. 629–650.
3. Sartor, G., Lorini, E. (2019). Leibnizian paradoxes in the law: a logical analysis. In Gabbay, D., Magnani, L., Park, W., Pietarinen, A. V. (Eds.), *Natural Arguments: A Tribute to John Woods*, College Publications, pp. 715-734.
4. Lorini, E. (2018). Norms in action: a logical perspective. In G. Bongiovanni, C. Valentini, G. J. Postema, G. Sartor, D. Walton (Eds.), *Handbook of Legal Reasoning and Argumentation*, Springer, pp. 77-101.
5. Herzig, A., Lorini, E., Maffre, F. (2018). Possible worlds semantics based on observation and communication. In H. van Ditmarsch, G. Sandu (Eds.), *Jaakko Hintikka on knowledge and game theoretical semantics*, Outstanding Contributions to Logic, Springer, pp. 339-362.
6. Herzig, A., Lorini, E., Troquard, N. (2018). Action theories. In S. O. Hansson, V. F. Hendricks (Eds.), *Introduction to Formal Philosophy*, Springer, pp. 591-607.
7. Gaudou, B., Herzig, A., Longin, D., Lorini, E. (2015). On modal logics of group belief. In A. Herzig, E. Lorini (Eds.), *The cognitive foundations of group attitudes and social interaction*, series “Studies in the Philosophy of Sociality”, Springer, pp. 75-106.
8. Ben-Naïm, J., Longin, D., Lorini, E. (2014). Formalisation de systèmes d’agent cognitif, de la confiance, et des émotions. In P. Marquis, O. Papini, H. Prade (Eds.), *Panorama actuel de l’IA: ses bases méthodologiques et ses développements*, Cépaduès, Toulouse.
9. Andreas Herzig, Emiliano Lorini (2014). A modal logic of perceptual belief. In F. Lihoreau, M. Rebuschi (Eds.), *Epistemology, Context and Formalism*, Springer, Synthese Library, Volume 369, pp. 197-211.
10. Lorini, E., Herzig, A. (2014). Direct and indirect common belief. In A. Konzelmann Ziv, H. B. Schmid, U. Schmid (Eds.), *Institutions, Emotions, and Group Agents*, Springer book series “Studies in the Philosophy of Sociality”, Springer, Volume 2, pp. 355-372.
11. Herzig, A., de Lima, T., Lorini, E., Troquard, N. (2014). Three traditions in the logic of action: bringing them together. In R.

- Trypuz (Eds.), *Krister Segerberg on Logic of Actions*, Studia Logica book series “Trends in Logic”, subseries “Outstanding contributions”, Springer, Volume 1, pp. 61-84.
12. Ben-Naim, J., Bonnefon, J.-F., Herzig, A., Leblois, S., Lorini, E. (2013). Computer-mediated trust in self-interested expert recommendations. In S. Cowley, F. Vallee-Tourangeau (Eds.), *Cognition beyond the brain - Interactivity and human thinking*, Springer, pp. 53-70.
 13. Broersen, J., Gabbay, D., Herzig, A., Lorini, E., Meyer, J.-J., Parent, X., van der Torre, L. (2013). Deontic logic. In S. Ossowski (Eds.), *Agreement Technologies*, Springer, pp. 108-127.
 14. Lorini, E. (2013). Modal logic and intentional agency. In B. Kaldis (Eds.), *The Encyclopedia of Philosophy and the Social Sciences*, SAGE Publications, pp. 621-623.
 15. Lorini, E. (2013). Mutual beliefs. In B. Kaldis (Eds.), *The Encyclopedia of Philosophy and the Social Sciences*, SAGE Publications, pp. 640-642.
 16. Lorini, E. (2012). The cognitive anatomy and functions of expectations revisited. In F. Paglieri, L. Tummolini, R. Falcone, M. Miceli (Eds.), *The Goals of Cognition. Essays in Honor of Cristiano Castelfranchi*, College Publications, pp. 273-288.
 17. Herzig, A., Lorini, E., Moisan, F. (2012). A simple logic of trust based on propositional assignments. In F. Paglieri, L. Tummolini, R. Falcone, M. Miceli (Eds.), *The Goals of Cognition. Essays in Honor of Cristiano Castelfranchi*, College Publications, pp. 407-419.
 18. Adam, C., Gaudou, B., Longin, D., Lorini, E. (2011). Logical modeling of emotions for ambient intelligence. In F. Mastrogiovanni, N.-Y. Chong (Eds.), *Handbook of Research on Ambient Intelligence and Smart Environments: Trends and Perspectives*, IGI Publishing, New York, pp. 108-127.
 19. Macedo, L., Cardoso, A., Reizenzein, R., Lorini, E., Castelfranchi, C. (2009). Artificial surprise. In J. Vallverdú, D. Casacuberta (Eds.), *Handbook of Research on Synthetic Emotions and Sociable Robotics*, IGI Publishing, New York, pp. 261-285.
 20. Lorini, E., Castelfranchi, C. (2009). Intentional agents in defense. In M. Barley, H. Mouratidis, A. Unruh, D. Spears, F. Martinelli, P. Scerri (Eds.), *Safety and Security in Multi-Agent Systems: the Early Years*, Lecture Notes in Computer Science, vol. 4324, Springer-Verlag, Berlin, pp. 293-307.
 21. Castelfranchi, C., Falcone, R., Lorini, E. (2008). A non-reductionist approach to trust. In J. Golbeck (Eds.), *Computing with Social Trust*, Human-Computer Interaction Series, Springer, Berlin, pp. 45-72.

22. Lorini, E., Piunti, M., Castelfranchi, C., Falcone, R., Miceli, M. (2008). Anticipation and emotions for goal-directed agents. In G. Pezzulo, M. Butz, R. Falcone, C. Castelfranchi, *The Challenge of Anticipation*, Lecture Notes in Computer Science, vol. 5225, Springer-Verlag, Berlin, pp. 135-160.
 23. Castelfranchi, C., Giardini, F., Lorini, E., Tummolini, L. (2007). The prescriptive destiny of predictive attitudes: from expectations to norms via conventions. In G. Sartor, C. Cevenini, G. Quadri di Cardano (Eds.), *Agenti software e commercio elettronico: profili giuridici, tecnologici e psico-sociali*, GEDIT, Bologna, Italy, pp. 43-55.
 24. Lorini, E., Marzo, F., Castelfranchi, C. (2005). A cognitive model of the altruistic mind. In B. Kokinov (Eds.), *Advances in Cognitive Economics*, NBU Press, Sofia, Bulgaria, pp. 282-294.
- **Conferences and workshops with published proceedings**
 1. Aguilera-Ventura, C., Herzig, A., Liu, X., Lorini, E. (2023). Counterfactual Reasoning via Grounded Distance. In *Proceedings of the 20th International Conference on Knowledge Representation and Reasoning (KR 2023)*, forthcoming.
 2. Grandi, U., Lorini, E., Parker, T. (2023). Moral Planning Agents with LTL Values. In *Proceedings of the 32nd International Conference on Principles of Knowledge Representation and Reasoning (IJCAI 2023)*, ijcai.org, forthcoming.
 3. Lorini, E. (2023). A Rule-based Modal View of Causal Reasoning. In *Proceedings of the 32nd International Conference on Principles of Knowledge Representation and Reasoning (IJCAI 2023)*, ijcai.org, forthcoming.
 4. Liu, X., Lorini, E. (2022). Logics for Binary-input Classifiers and Their Explanations. In *Proceedings of the 1st Workshop on Bias, Ethical AI, Explainability and the Role of Logic and Logic Programming (BEWARE 2022) co-located with the 21th International Conference of the Italian Association for Artificial Intelligence (AIXIA 2022)*, CEUR Workshop Proceedings, 3319, CEUR-WS.org, pp. 33-38.
 5. Liu, X., Lorini, E., Rotolo, A., Sartor, G. (2022). Modelling and Explaining Legal Case-based Reasoners through Classifiers. In *Proceedings of the 35th International Conference on Legal Knowledge and Information Systems (JURIX 2022)*, IOS Press, pp. 83-92.
 6. Grandi, U., Lorini, E., Parker, T., Alami, R. (2022). Logic-Based Ethical Planning. In *Proceedings of the 21st International Conference of the Italian Association for Artificial Intelligence (AIXIA 2022)*, LNCS, volume 13796, Springer-Verlag, pp. 198-211.

7. Liu, X., Lorini, E. (2022). A Logic of “Black Box” Classifier Systems. In *Proceedings of the 28th Workshop on Logic, Language, Information and Computation (WOLLIC 2022)*, LNCS, volume 13468, Springer-Verlag, pp. 158–174.
8. Parker, T., Grandi, U., Lorini, E., Clodic, A., Alami, R. (2022). Ethical Planning with Multiple Temporal Values. In *Proceedings of the Robophilosophy Conference 2022-Social Robots in Social Institutions*, Frontiers of Artificial Intelligence and Applications series, IOS Press, pp. 435-444.
9. Lorini, E., Perrotin, E., Schwarzentruher, F. (2022). A Computationally Grounded Logic of ‘Seeing-to-it-that’. In *Proceedings of the 31st International Conference on Principles of Knowledge Representation and Reasoning (IJCAI-ECAI 2022)*, ijcai.org, pp. 2648-2654.
10. Fernandez Davila, J., Longin, D., Lorini, E., Maris, F. (2022). A Simple Framework for Cognitive Planning (poster). In *Proceedings of the Workshop on Cognitive Aspects of Knowledge Representation (CAKR 2022) co-located with the 31st international joint conference on artificial intelligence (IJCAI-ECAI 2022)*, CEUR Workshop Proceedings, 3251, CEUR-WS.org.
11. Grandi, U., Lorini, E. Parker, T. (2022). Logic-Based Ethical Planning (short paper). In *Proceedings of the Workshop on Cognitive Aspects of Knowledge Representation (CAKR 2022) co-located with the 31st international joint conference on artificial intelligence (IJCAI-ECAI 2022)*, CEUR Workshop Proceedings, 3251, CEUR-WS.org.
12. Herzig, A., Lorini, E., Perrotin, E. (2022). Epistemic Actions: Comparing Multi-agent Belief Bases with Action Models. In *Proceedings of the 19th International Conference on Principles of Knowledge Representation and Reasoning (KR 2022)*.
13. Lorini, E., Rapion, E. (2022). Logical Theories of Collective Attitudes and the Belief Base Perspective. In *Proceedings of the 21st International Conference on Autonomous Agents and MultiAgent Systems (AAMAS 2022)*, ACM, pp. 833–841.
14. Lorini, E., Sabouret, N., Ravenet, B., Fernandez Davila, J., Clavel, C. (2022). Cognitive Planning in Motivational Interviewing. In *Proceedings of the 14th International Conference on Agents and Artificial Intelligence (ICAART 2022)*, SCITEPRESS, pp. 508–517.
15. Fernandez Davila, J. L., Longin, D., Lorini, E., Maris, F. (2022). An Implemented System for Cognitive Planning. In *Proceedings of the 14th International Conference on Agents and Artificial Intelligence (ICAART 2022)*, SCITEPRESS, pp. 492–499.
16. Lorini, E., Sartor, G. (2021). The ethics of controllability as influenceability. In *Proceedings of the 34th International Conference on Legal Knowledge and Information Systems (JURIX 2015)*, Frontiers in Artificial Intelligence and Applications, IOS Press, pp. 245–254.

17. Liu, X., Lorini, E. (2021). A Logic for Binary Classifiers and Their Explanation. In *Proceedings of the 4th International Conference on Logic and Argumentation (CLAR 2021)*, LNCS, volume 13040, Springer-Verlag, pp. 302-321.
18. Bonnet, G., Leturc, C., Lorini, E., Sartor, G. (2021). Influencing Choices by Changing Beliefs: A Logical Theory of Influence, Persuasion, and Deception. In *Proceedings of the Second International Workshop on Deceptive AI (DeceptAI 2021)*, Communications in Computer and Information Science (CCIS) series, volume 1296, Springer, pp. 302-321.
19. Lorini, E., Schwarzentruher, F. (2021). Multi-Agent Belief Base Revision. *Proceedings of the 30th International Joint Conference on Artificial Intelligence (IJCAI-21)*, pp. 1959-1965.
20. Lorini, E. (2021). A Logic of Evaluation. *Proceedings of the 20th International Conference on Autonomous Agents and MultiAgent Systems (AAMAS 2021)*, ACM, pp. 827-835.
21. Lorini, E., Schwarzentruher, F. (2021). A Computationally Grounded Logic of Graded Belief. *Proceedings of the 16th European Conference on Logics in Artificial Intelligence (JELIA 2021)*, LNCS, volume 12678, Springer-Verlag, pp. 245-261.
22. Fernandez Davila, J. L., Longin, D., Lorini, E., Maris, F. (2021). A Simple Framework for Cognitive Planning. *Proceedings of the Thirty-Fifth AAAI Conference on Artificial Intelligence (AAAI-21)*, AAAI Press, pp. 6331-6339.
23. Lorini, E., Song, P. (2020). Grounding Awareness on Belief Bases. *Proceedings of the Third International Workshop on Dynamic Logic: New Trends and Applications (DALi 2020)*, LNCS, volume 12569, Springer-Verlag, pp. 170-186.
24. Longin, D., Lorini, E., Maris, F. (2020). Beliefs, Time and Space: A Language for the Yokai Board Game. *Proceedings of the 23rd International Conference on Principles and Practice of Multi-Agent Systems (PRIMA 2020)*, LNCS, Springer-Verlag, forthcoming.
25. Fernandez, J., Gasquet, O., Herzig, A., Longin, D., Lorini, E., Maris, F., Regnier, P. (2020). TouIST: a Friendly Language for Propositional Logic and More. *Proceedings of the Twenty-Ninth International Joint Conference on Artificial Intelligence (IJCAI 2020)*, ijcai.org, pp. 5240–5242.
26. Loreggia, A., Lorini, E., Sartor, G. (2020). A Ceteris Paribus Deontic Logic. *Proceedings of the 35th Italian Conference on Computational Logic (CILC 2020)*, CEUR Workshop Proceedings, volume 2710, CEUR-WS.org, pp. 248–262.
27. Loreggia, A., Lorini, E., Sartor, G. (2020). A Novel Approach For a Ceteris Paribus Deontic Logic. *Proceedings of the EKAW 2020*

- Posters and Demonstrations Session co-located with 22nd International Conference on Knowledge Engineering and Knowledge Management (EKAW 2020)*, CEUR Workshop Proceedings, volume 2751, CEUR-WS.org, pp. 12–16.
28. Herzig, A., Lorini, E., Perrotin, E., Romero, F., Schwarzentruher, F. (2020). A Logic of Explicit and Implicit Distributed Belief. *Proceedings of the 24th European Conference on Artificial Intelligence (ECAI 2020)*, IOS Press, pp. 753–760.
 29. Balbiani, P., Fernández-Duque, D., Herzig, A., Lorini, E. (2019). Stratified Evidence Logics. *Proceedings of the Twenty-Eighth International Joint Conference on Artificial Intelligence (IJCAI 2019)*, pp. 1523–1529.
 30. Lorini, E., Romero, F. (2019). SAT for Epistemic Logic Using Belief Bases. *Proceedings of the 7th International Workshop on Engineering Multi-Agent Systems (EMAS 2019)*, LNCS, Springer-Verlag, volume 12058, pp. 235–245.
 31. Lorini, E. (2019). Exploiting Belief Bases for Building Rich Epistemic Structures. *Proceedings of the Seventeenth Conference on Theoretical Aspects of Rationality and Knowledge (TARK 2019)*, EPTCS, volume 297, pp. 332–353.
 32. Lorini, E. (2019). Reasoning about Cognitive Attitudes in a Qualitative Setting. *Proceedings of the 16th European Conference on Logics in Artificial Intelligence (JELIA 2019)*, LNCS, Springer-Verlag, pp. 726–743.
 33. Lorini, E., Romero, F. (2019). Decision Procedures for Epistemic Logic Exploiting Belief Bases. *Proceedings of the Eighteenth International Conference on Autonomous Agents and MultiAgent Systems (AAMAS 2019)*, ACM, pp. 944–952.
 34. Novaro, A., Grandi, U., Longin, D., Lorini, E. (2019). Strategic Majoritarian Voting with Propositional Goals. *Proceedings of the Eighteenth International Conference on Autonomous Agents and MultiAgent Systems (AAMAS 2019)*, ACM, pp. 2144–2146.
 35. Armgardt, M., Lorini, E., Sartor, G. (2018). Reasoning about conditions in STIT logic. *Proceedings of the 14th International Conference on Deontic Logic and Normative Systems (DEON 2018)*, College Publications, pp. 15–32.
 36. Novaro, A., Grandi, G., Longin, D., Lorini, E. (2018). Goal-based collective decisions: axiomatics and computational complexity. *Proceedings of the Twenty-Seventh International Joint Conference on Artificial Intelligence (IJCAI 2018)*, pp. 468–474.
 37. Boudou, J., Lorini, E. (2018). Concurrent game structures for temporal STIT logic. *Proceedings of the Seventeenth International Conference on Autonomous Agents and MultiAgent Systems (AAMAS 2018)*, ACM Press, pp. 381–389.

38. Novaro, A., Grandi, G., Longin, D., Lorini, E. (2018). From individual goals to collective decisions. *Proceedings of the Seventeenth International Conference on Autonomous Agents and MultiAgent Systems (AAMAS 2018)*, ACM Press, pp. 2028–2030.
39. Lorini, E. (2018). In praise of belief bases: doing epistemic logic without possible worlds. *Proceedings of the Thirty-Second AAAI Conference on Artificial Intelligence (AAAI-18)*, AAAI press, pp. 1915-1922.
40. Liu, F., Lorini, E. (2017). Reasoning about belief, evidence and trust in a multi-agent setting. *Proceedings of the 20th International Conference on Principles and Practice of Multi-Agent Systems (PRIMA 2017)*, LNCS, Springer-Verlag, pp. 71-89.
41. Dastani, M., Lorini, E., Meyer, J.-J., Pankov, A. (2017). Other-condemning anger = blaming accountable agents for frustrated intentions. *Proceedings of the 20th International Conference on Principles and Practice of Multi-Agent Systems (PRIMA 2017)*, LNCS, Springer-Verlag, pp. 15-33.
42. Belardinelli, F., Grandi, U., Herzig, A., Longin, D., Lorini, E., Novaro, A., Perrussel, L. (2017). Relaxing exclusive control in Boolean games. *Proceedings of the Sixteenth Conference on Theoretical Aspects of Rationality and Knowledge (TARK 2017)*, pp. 43-56.
43. Grossi, D., Lorini, E., Schwarzentruher, F. (2017). The ceteris paribus structure of logics of game forms (Extended Abstract). *Proceedings of the Twenty-Sixth International Joint Conference on Artificial Intelligence (IJCAI 2017)*, pp. 5000-5004.
44. Lorini, E., Schwarzentruher, F. (2017). A path in the jungle of logics for multi-agent systems: on the relation between general game-playing logics and seeing-to-it-that logics. *Proceedings of the Sixteenth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2017)*, ACM press, pp. 687-695.
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