Complete List of Publications

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1 Books

1. Maria Vanina Martinez, Cristian Molinaro, V. S. Subrahmanian, Leila Amgoud. *A General Framework for Reasoning On Inconsistency*. Springer Briefs in Computer Science, Springer 2013, ISBN 978-1-4614-6749-6.

2 International Journals

1. Leila Amgoud. *Explaining black-box classifiers : Properties and functions*. **International Journal of Approximate Reasoning**, Elsevier, Volume 155, p. 40-65, 2023. [IF = 3.9]

2. Leila Amgoud, Dragan Doder, Srdjan Vesic. *Evaluation of argument strength in attack graphs : Foundations and semantics*. **Artificial Intelligence Journal**, Elsevier, Volume 302, p. 103607, 2022. [IF = 14.4]

3. Leila Amgoud, Philippe Besnard. *A formal characterization of the outcomes of rule-based argumentation systems*. **Journal of Knowledge and Information Systems**, Springer, Volume 61(1), p. 543-588, 2019. [IF = 2.24]

4. Leila Amgoud, Jonathan Ben-Naim. *Evaluation of arguments in weighted bipolar graphs*. **International Journal of Approximate Reasoning**, Elsevier, Volume 99, p. 39-55, 2018. [IF = 3.9]

5. Leila Amgoud, Farid Nouioua. *An argumentation system for defeasible reasoning*. **International Journal of Approximate Reasoning**, Elsevier, Volume 85, p. 1-20, 2017. [IF = 3.9]

6. Leila Amgoud, Philippe Besnard, Anthony Hunter. *Foundations for a logic of arguments*. **Journal of Applied Non-Classical Logics**, Taylor and Francis, volume 27, p. 178-195, 2017. [IF = 0.69]

7. Roberto Confalonieri, Matthew Yee-King, Katina Hazelden, Mark d'Inverno, Dave De Jonge, Nardine Osman, Carles Sierra, Leila Amgoud, Henri Prade. *Engineering multiuser museum interactives for shared cultural experiences*. **Engineering Applications of Artificial Intelligence**, Elsevier, Volume 46, p. 180-195, 2015. [IF = 2.89]

8. Leila Amgoud, Robert Demolombe. *An argumentation-based approach for reasoning about trust in information sources*. **Argument and Computation**, IOS Press, Volume 5, N°2, p. 191-215, 2014.

9. Leila Amgoud, Srdjan Vesic. *Rich preference-based argumentation frameworks.* **International Journal of Approximate Reasoning**, Elsevier, Volume 55, N° 2, p. 585-606, 2014. [IF = 3.9]

10. Leila Amgoud. *Postulates for logic-based argumentation systems.* **International Journal of Approximate Reasoning**, Elsevier, Volume 55, N°9, p. 2028-2048, 2014. [IF = 3.9]

11. Leila Amgoud, Philippe Besnard, Srdjan Vesic. *Equivalence in logic-based argumentation.* **Journal of Applied Non-Classical Logics**, Taylor and Francis, Volume 24, N°3, p. 181-208, 2014. [IF = 0.69]

12. Leila Amgoud, Caroline Devred. *Argumentation frameworks as constraint satisfaction problems.* **Annals of Mathematics and Artificial Intelligence**, Springer, Volume 69, N°1, p. 131-148, 2013. [IF = 0.89]

13. Leila Amgoud, Philippe Besnard. *Logical limits of abstract argumentation frameworks.* **Journal of Applied Non-Classical Logics**, Taylor and Francis, Volume 23, N° 3, p. 229-267, 2013. [IF = 0.69]

14. Leila Amgoud, Henri Prade. *Can AI Models Capture Natural Language Argumentation?* **International Journal of Cognitive Informatics and Natural Intelligence**, Volume 6, N°3, p. 19-32, 2012.

15. Leila Amgoud, Srdjan Vesic. *A formal analysis of the role of argumentation in negotiation dialogues.* **Journal of Logic and Computation**, Oxford Academic, Volume 22, N° 5, p. 957-978, 2012. [IF = 0.71]

16. Leila Amgoud, Srdjan Vesic. *Revising option status in argument-based decision systems.* **Journal of Logic and Computation**, Oxford Academic, Volume 22, N°5, p. 1019-1058, 2012. [IF = 0.71]

17. Leila Amgoud, Srdjan Vesic. *A new approach for preference-based argumentation frameworks.* **Annals of Mathematics and Artificial Intelligence**, Springer, Volume 63, N°2, p. 149-183, 2011. [IF = 0.89]

18. Leila Amgoud, Caroline Devred, Marie-Christine Lagasquie. *Generating possible intentions with constrained argumentation systems.* **International Journal of Approximate Reasoning**, Elsevier, Volume 52, N° 9, p. 1363-1391, 2011. [IF = 3.9]

19. Leila Amgoud, Henri Prade. *Using arguments for making and explaining decisions.* **Artificial Intelligence Journal**, Elsevier, Volume 173, p. 413–436, 2009. [IF = 14.4]

20. Leila Amgoud, Mathieu Serrurier. *Agents that argue and explain classifications.* **International Journal of Autonomous Agents and Multi-Agent Systems**, Springer, Volume 16, N°2, p. 187–209, 2008. [IF = 1.60]

21. Leila Amgoud, Florence Bannay. *A new semantics for ACL based on commitments and penalties.* **International Journal of Intelligent Systems**, Wiley, Volume 23, N°3, p. 286–312, 2008. [IF = 2.92]

22. Leila Amgoud, Claudette Cayrol, Marie-Christine Lagasquie, Pierre Livet. *On bipolarity in argumentation frameworks.* **International Journal of Intelligent Systems**, Wiley, Volume 23, N°10, p. 1062–1093, 2008. [IF = 2.92]

23. Martin Caminada, Leila Amgoud. *On the evaluation of argumentation formalisms.* **Artificial Intelligence Journal**, Elsevier, Volume 171, N°5–6, p. 286-310, 2007. [IF = 14.4]

24. Leila Amgoud, Souhila Kaci. *An argumentation framework for merging conflicting knowledge bases.* **International Journal of Approximate Reasoning**, Elsevier, Volume 45, p. 321–340, 2007. [IF = 3.9]

25. Leila Amgoud, Henri Prade. *Handling threats, rewards and explanatory arguments in a unified setting.* **International Journal of Intelligent Systems**, Wiley, Volume 20, N°12, p. 1195–1218, 2005. [IF = 2.92]

26. Simon Parsons, Michael Wooldridge, Leila Amgoud. *Properties and complexity of some formal inter-agent dialogues.* **Journal of Logic and Computation**, Oxford Academic, Volume 13, N°3, p. 347–376, 2003. [IF = 0.71]

27. Peter McBurney, Roger Van Eijk, Simon Parsons, Leila Amgoud. *A dialogue-game protocol for agent purchase negotiations.* **Journal of Autonomous Agents and Multi-Agent Systems**, Springer, Volume 7, N°3, p. 235–273, 2003. [IF = 1.60]

28. Leila Amgoud, Claudette Cayrol. *A model of reasoning based on the production of acceptable arguments.* **Annals of Mathematics and Artificial Intelligence**, Springer, Volume 34, p. 197–216, 2002. [IF = 0.89]

29. Leila Amgoud, Claudette Cayrol. *Inferring from inconsistency in preference-based argumentation frameworks.* **International Journal of Automated Reasoning**, Springer, Volume 29, N°2, p. 125–169, 2002. [IF = 1.32]

30. Leila Amgoud, Simon Parsons. *Les dialogues entre agents avec des preferences conflictuelles.* **International journal of Information, Interaction and Intelligence**, Cepadues, p. 157-178, 2002.

3   Book Chapters

1. Leila Amgoud. *On argumentation-based paraconsistent logics.* **Computational Models of Rationality**. Beierle Christoph, Brewka Gerhard, Thimm Matthias (Eds.), College Publications, p. 377-391, 2016.

2. Leila Amgoud, Yann Chevaleyre, Nicolas Maudet. Systèmes multiagents : négociation, persuasion. In : Représentation des connaissances et formalisation des raisonnements. Pierre Marquis, Odile Papini, Henri Prade (Eds.), Cépadues, Chapitre 17, p. 527-554, Volume 1, Panorama de l'Intelligence Artificielle, May 2014.

3. Leila Amgoud, Philippe Besnard, Claudette Cayrol, Philippe Chatalic, Marie-Christine Lagasquie-Schiex. Argumentation et raisonnement en présence de contradiction.In Représentation des connaissances et formalisation des raisonnements. Pierre Marquis, Odile Papini, Henri Prade (Eds.), Cépadues, Chapitre 10, p. 191-214, Volume 1, Panorama de l'Intelligence Artificielle, May 2014.

4. Leila Amgoud. *Argumentation for Decision Making.* **Argumentation in AI**. Guillermo Simari, Iyad Rahwan (Eds.), Springer, Chapitre 14, p. 301-320, 2009.

5. Leila Amgoud, Caroline Devred, Marie-Christine Lagasquie-Schiex. *A Constrained Argumentation System for Practical Reasoning.* **Argumentation in Multi-Agent Systems**. Iyad Rahwan, Pavlos Moraitis (Eds.), Springer-Verlag, LNAI 5384, p. 35-54, 2009.

6. Leila Amgoud, Henri Prade. *Comparing decisions on the basis of a bipolar typology of arguments.* **Preferences and similarities**. Giacomo Della Riccia, Didier Dubois, Rudolf Kruse, Hans Joachim Lenz (Eds.), Springer, p. 249-264, 2008.

7. Leila Amgoud, Yannis Dimopoulos, Pavlos Moraitis. *A general framework for argumentation-based negotiation.* **Argumentation in Multi-Agent Systems**. Iyad Rahwan, Simon Parsons, Chris Reed (Eds.), Springer-Verlag, LNAI 4946, p. 1-17, 2008.

8. Leila Amgoud, Mathieu Serrurier. *Arguing and explaining classifications.* **Argumentation in Multi-Agent Systems**. Iyad Rahwan, Simon Parsons, Chris Reed (Eds.), Springer-Verlag, LNAI 4946, p. 164-177, 2008.

9. Leila Amgoud, Iyad Rahwan. *An argumentation-based approach for practical reasoning.* **Argumentation in Multi-Agent Systems**. Iyad Rahwan, Nicolas Maudet, Simon Parsons (Eds.), Springer-Verlag, LNAI 4766, p. 74-90, 2007.

10. Leila Amgoud, Nabil Hameurlain. *An argumentation-based approach for dialogue move selection.* **Argumentation in Multi-Agent Systems**. Iyad Rahwan, Nicolas Maudet, Simon Parsons (Eds.), Springer-Verlag, LNAI 4766, p. 128-141, 2007.

11. Leila Amgoud, Souhila Kaci. *On the study of negotiation strategies.* **Agent Communication II**. Frank Dignum, Rogier van Eijk, Roberto Flores (Eds.), Springer, LNAI 3859, p. 150-163, 2006.

12. Leila Amgoud. *An argumentation-based model for reasoning about coalition Structures.* **Argumentation in Multi-Agent Systems**. Iyad Rahwan, Simon Parsons, Nicolas Maudet (Eds.), Springer-Verlag, LNAI 4049, p. 217-228, 2006.

13. Leila Amgoud, Sihem Belabbes, Henri Prade. *Towards a Formal Framework for the Search of a Consensus between Autonomous Agents.* **Argumentation in Multi-Agent Systems**. Iyad Rahwan, Simon Parsons, Nicolas Maudet (Eds.), Springer-Verlag, LNAI 4049, p. 264-278, 2006.

14. Leila Amgoud, Henri Prade. *Formal Handling of Threats and Rewards in a Negotiation Dialogue.* **Argumentation in Multi-Agent Systems**. Iyad Rahwan, Simon Parsons, Nicolas Maudet (Eds.), Springer-Verlag, LNAI 4049, p. 88-103, 2006.

15. Leila Amgoud, Henri Prade. *Making decisions from weighted arguments.* **Decision theory and multi-agent planning**. Giamcomo Della Riccia, Didier Dubois, Rodolph Kruse, Hanz-Joachim Lenz (Eds.), Springer, p. 1-14, 2006.

16. Leila Amgoud, Souhila Kaci. *On the generation of bipolar goals in argumentation-based negotiation.* **Argumentation in Multi-Agent Systems : State of the art survey**. Iyad Rahwan, Pavlos Moraitis, Chris Reed (Eds.), LNAI 3366, p. 192-207, 2005.

4 International Conferences

4.1 A* Conferences

1. Leila Amgoud, Philippe Muller, Henri Trenquier. *Leveraging Argumentation for Generating Robust Sample-based Explanations.* International Joint Conference on Artificial Intelligence (**IJCAI'2023**), AAAI Press, p. 3104-3111, 2023.

2. Dragan Doder, Leila Amgoud, Srdjan Vesic. *Parametrized Gradual Semantics Dealing with Varied Degrees of Compensation.* International Joint Conference on Artificial Intelligence (**IJCAI'2023**), AAAI Press, p. 3176-3183, 2023.

3. Leila Amgoud, Philippe Muller, Henri Trenquier. *Argument-based Explanation Functions.* International Conference on Autonomous Agents and Multiagent Systems (**AAMAS'2023**), p. 2373-2375, 2023.

4. Nadia Abchiche-Mimouni, Leila Amgoud, Farida Zehraoui. *Explainable Ensemble Classification Model based on Argumentation.* International Conference on Autonomous Agents and Multiagent Systems (**AAMAS'2023**), p. 2367-2369, 2023.

5. Martin Cooper, Leila Amgoud. *Abductive Explanations of Classifiers under Constraints : Complexity and Properties.* European Conference on Artificial Intelligence (**ECAI'2023**), to appear, 2023.

6. Leila Amgoud, Jonathan Ben-Naim. *Axiomatic Foundations of Explainability.* International Joint Conference on Artificial Intelligence (**IJCAI'2022**), AAAI Press, p. 636-642, 2022.

7. Leila Amgoud, Victor David. *A General Setting for Gradual Semantics Dealing with Similarity.* Thirty-Fifth AAAI Conference on Artificial Intelligence (**AAAI'2021**), p. 6185-6192, 2021.

8. Leila Amgoud, Vivien Beuselinck. *Equivalence of Semantics in Argumentation.* 18th International Conference on Principles of Knowledge Representation and Reasoning (**KR'2021**), p. 32-41, 2021.

9. Leila Amgoud. *Evaluation of Analogical Arguments by Choquet Integral.* European Conference on Artificial Intelligence (**ECAI'2020**), to appear, 2020.

10. Leila Amgoud. *A Replication Study of Semantics in Argumentation.* International Joint Conference on Artificial Intelligence (**IJCAI'2019**), AAAI Press, p. 6260-6266, 2019.

11. Leila Amgoud, Dragan Doder. *Compilation of Logical Arguments.* International Joint Conference on Artificial Intelligence (**IJCAI'2019**), AAAI Press, p. 1502-1508, 2019.

12. Leila Amgoud, Dragan Doder. *Gradual Semantics Accounting for Varied-Strength Attacks.* International Joint Conference on Autonomous Agents and Multiagent Systems (**AAMAS'2019**), ACM, p. 1511-1519, 2019.

13. Leila Amgoud, Jonathan Ben-Naim. *Weighted bipolar argumentation graphs : Axioms and Semantics.* International Joint Conference on Artificial Intelligence (**IJCAI'2018**), AAAI Press, p. 5194-5198, 2018.

14. Leila Amgoud, Victor David. *Measuring similarity between logical arguments.* International Conference on Principles of Knowledge Representation and Reasoning (**KR'2018**), AAAI Press, 98-107, 2018.

15. Leila Amgoud, Dragan Doder. *Gradual semantics for weighted graphs : An unifying approach.* International Conference on Principles of Knowledge Representation and Reasoning (**KR'2018**), AAAI Press, p. 613-614, 2018.

16. Leila Amgoud, Elise Bonson, Jérôme Delobelle, Dragan Doder, Sébastien Konieczny, Nicolas Maudet. *Gradual semantics accounting for similarity between arguments.* International Conference on Principles of Knowledge Representation and Reasoning (**KR'2018**), AAAI Press, p. 88-97, 2018.

17. Leila Amgoud, Jonathan Ben-Naim, Dragan Doder, Srdjan Vesic. *Acceptability Semantics for Weighted Argumentation Frameworks.* International Joint Conference on Artificial Intelligence (**IJCAI'2017**), AAAI Press, p. 56-62, 2017.

18. Leila Amgoud, Jonathan Ben-Naim, Srdjan Vesic. *Measuring the Intensity of Attacks in Argumentation Graphs with Shapley Value.* International Joint Conference on Artificial Intelligence (**IJCAI'2017**), AAAI Press, p. 63-69, 2017.

19. Leila Amgoud, Jonathan Ben-Naim. *Evaluation of arguments from support relations : Axioms and Semantics.* International Joint Conference on Artificial Intelligence (**IJCAI'2016**), AAAI Press, p. 900-906, 2016.

20. Leila Amgoud, Jonathan Ben-Naim, Dragan Doder, Srdjan Vesic. *Ranking arguments with compensation-based semantics.* International Conference on Principles of Knowledge Representation and Reasoning (**KR'2016**), AAAI Press, p. 12-21, 2016.

21. Leila Amgoud, Jonathan Ben-Naim. *Axiomatic foundations of acceptability semantics.* International Conference on Principles of Knowledge Representation and Reasoning (**KR'2016**), AAAI Press, p. 2-11, 2016.

22. Leila Amgoud, Jonathan Ben-Naim. *Argumentation-based ranking logics.* International Joint Conference on Autonomous Agents and Multiagent Systems (**AAMAS'2015**), ACM, p. 1511-1519, 2015.

23. Leila Amgoud, Robert Demolombe. *Arguing about trust in information sources.* International Joint Conference on Autonomous Agents and Multiagent Systems (**AAMAS'2014**), ACM, p. 541-548, 2014.

24. Matthew Yee-King, Roberto Confalonieri, Dave De Jonge, Katina Hazelden, Carles Sierra, Leila Amgoud, Nardine Osman. *Multiuser Museum Interactives for Shared Cultural Experiences : an Agent Based Approach.* International Joint Conference on Autonomous Agents and Multiagent Systems (**AAMAS'2013**), ACM, p. 917-924, 2013.

25. Leila Amgoud, Srdjan Vesic. *A formal analysis of the outcomes of argumentation-based negotiations.* International Joint Conference on Autonomous Agents and Multiagent Systems (**AAMAS'2011**), ACM, p. 1237-1238, 2011.

26. Anthony Kakas, Leila Amgoud, Gabriele Kern-Isberner, Nicolas Maudet, Pavlos Moraitis. *ABA : Argumentation Based Agents.* European Conference on Artificial Intelligence (**ECAI'2010**), IOS Press, p. 1005-1006, 2010.

27. Jean-Rémi Bourguet, Leila Amgoud, Rallou Thomopoulos. *Towards a unified model of preference-based argumentation.* International Symposium on Foundations of Information and Knowledge Systems (**FoIKS'2010**), LNCS 5956, p. 326-344, 2010.

28. Leila Amgoud, Srdjan Vesic. *An axiomatic account of preference-based argumentation systems.* International Joint Conference on Artificial Intelligence (**IJCAI'2009**), AAAI Press, p. 365-370, 2009.

29. Leila Amgoud, Caroline Devred, Marie-Christine Lagasquie-Schiex. *A constrained argumentation system for practical reasoning.* International Joint Conference on Autonomous Agents and Multiagent Systems (**AAMAS'2008**), ACM Press, p. 429-436, 2008.

30. Yannis Dimopoulos, Pavlos Moraitis, Leila Amgoud. *Theoretical and Computational Properties of Preference-based Argumentation.* European Conference on Artificial Intelligence (**ECAI'2008**), IOS Press, p. 463-467, 2008.

31. Leila Amgoud, Yannis Dimopoulos, Pavlos Moraitis. *Making decisions through preference-based argumentation.* International Conference on Principles of Knowledge Representation and Reasoning (**KR'2008**), AAAI Press, p. 113-123, 2008.

32. Yannis Dimopoulos, Pavlos Moraitis, Leila Amgoud. *Characterizing the Outcomes of Argumentation-based Integrative Negotiation.* International Conference on Intelligent Agent Technology (**IAT'2008**), IEEE Computer Society, p. 1-5, 2008.

33. Leila Amgoud, Venkatramanan Siva Subrahmanian. *A General Framework for Reasoning about Inconsistency.* International Joint Conference on Artificial Intelligence (**IJCAI'2007**), AAAI Press, p. 599-604, 2007.

34. Leila Amgoud, Mathieu Serrurier. *Arguing and explaining classifications.* International Joint Conference on Autonomous Agents and Multiagent Systems (**AAMAS'2007**), ACM Press, p. 979-985, 2007.

35. Leila Amgoud, Yannis Dimopoulos, Pavlos Moraitis. *A Unified and General Framework for Argumentation-based Negotiation.* International Joint Conference on Autonomous Agents and Multiagent Systems (**AAMAS'2007**), ACM Press, p. 963-970, 2007.

36. Leila Amgoud, Henri Prade. *Formalizing practical reasoning under uncertainty : An argumentation-based approach.* International Conference on Intelligent Agent Technology (**IAT'2007**), IEEE Computer Society, p. 189-195, 2007.

37. Leila Amgoud, Henri Prade. *Explaining qualitative decision under uncertainty by argumentation.* National Conference on Artificial Intelligence (**AAAI'2006**), AAAI Press, p. 219-224, 2006.

38. Leila Amgoud, Florence Bannay. *Towards ACL semantics based on commitments and penalties*. European Conference on Artificial Intelligence (**ECAI'2006**), IOS Press, p. 235-239, 2006.

39. Celia Da Costa Pereira, Leila Amgoud, Andrea Tettamanzi. *Goal Revision for a Rational Agent*. European Conference on Artificial Intelligence (**ECAI'2006**), IOS Press, p. 747-748, 2006.

40. Leila Amgoud, Nabil Hameurlain. *An argumentation-based framework for designing dialogue strategies*. European Conference on Artificial Intelligence (**ECAI'2006**), IOS Press, p. 713-714, 2006.

41. Leila Amgoud, Nabil Hameurlain. *A formal model for designing dialogue strategies*. International Joint Conference on Autonomous Agents and Multiagent Systems (**AAMAS'2006**), ACM Press, p. 414-416, 2006.

42. Iyad Rahwan, Leila Amgoud. *An Argumentation-based Approach for Practical Reasoning*. International Joint Conference on Autonomous Agents and Multiagent Systems (**AAMAS'2006**), ACM Press, p. 347-354, 2006.

43. M. Caminada, Leila Amgoud. *An Axiomatic Account of Formal Argumentation*. National Conference on Artificial Intelligence (**AAAI'2005**), AAAI Press, p. 608-613, 2005.

44. Leila Amgoud. *A general argumentation framework for inference and decision making*. Conference on Uncertainty in Artificial Intelligence (**UAI'2005**), AUAI Press, p. 26-33, 2005.

45. Leila Amgoud. *Towards a formal model for task allocation via coalition formation*. International Joint Conference on Autonomous Agents and Multi-Agent Systems (**AAMAS'2005**), ACM Press, p. 1185-1186, 2005.

46. Leila Amgoud, Sihem Belabbes, Henri Prade. *Towards a formal framework for the search of a consensus between autonomous agents*. International Joint Conference on Autonomous Agents and Multi-Agent Systems (**AAMAS'2005**), ACM Press, p. 537-543, 2005.

47. Leila Amgoud, Souhila Kaci. *Strategical considerations for negotiating agents*. International Joint Conference on Autonomous Agents and Multi-Agent Systems (**AAMAS'2005**), ACM Press, p. 1215-1216, 2005.

48. Leila Amgoud, Henri Prade. *Formal handling of threats and rewards in a negotiation dialogue*. International Joint Conference on Autonomous Agents and Multi-Agent Systems (**AAMAS'2005**), ACM Press, p. 529-536, 2005.

49. Leila Amgoud, Claudette Cayrol. *On the use of an ATMS for handling conflicting desires*. International Conference on Principles of Knowledge Representation and Reasoning (**KR'2004**), AAAI Press, p. 194-201, 2004

50. Leila Amgoud, Henri Prade. *Reaching agreement through argumentation : A possibilistic approach*. International Conference on Principles of Knowledge Representation and Reasoning (**KR'2004**), AAAI Press, p. 175-182, 2004.

51. Leila Amgoud, Henri Prade. *Using arguments for making decisions : A possibilistic logic approach*. Conference of Uncertainty in Artificial Intelligence (**UAI'2004**), AUAI Press, p. 10-17, 2004.

52. Leila Amgoud, Simon Parsons, Michael Wooldridge. *On the outcomes of Formal Inter-agent Dialogues*. International joint Conference on Autonomous Agents and Multi-Agent Systems (**AAMAS'2003**), ACM Press, p. 616-623, 2003.

53. Leila Amgoud, Nicolas Maudet, Simon Parsons. *An argumentation-based semantics for agent communication languages.* European Conference on Artificial Intelligence (**ECAI'2002**), IOS Press, p. 38-42, 2002.

54. Simon Parsons, Michael Wooldridge, Leila Amgoud. *An analysis of formal inter-agent dialogues.* International Joint Conference on Autonomous Agents and Multi-Agent Systems (**AAMAS'2002**), ACM Press, p. 394-401, 2002.

55. Leila Amgoud, Simon Parsons. *An argumentation frameworks and merging conflicting knowledge bases.* European Conference on Logics in Artificial Intelligence (**JELIA'2002**), LNCS 2424, p. 27-37, 2002.

56. Leila Amgoud, Simon Parsons, Nicolas Maudet. *Arguments, dialogue, and negotiation.* European Conference on Artificial Intelligence (**ECAI'2000**), IOS Press, p. 338-342, 2000.

57. Leila Amgoud, Simon Parsons, Nicolas Maudet. *Modeling dialogues using argumentation.* International Conference on Multi-Agent Systems (**ICMAS'2000**), ACM Press, p. 31-38, 2000.

58. *L. Amgoud. Using preferences to select acceptable arguments.* European Conference on Artificial Intelligence (**ECAI'1998**), p. 43-44, 1998.

59. Leila Amgoud, Claudette Cayrol. *On the acceptability of arguments in preference-based argumentation.* Conference on Uncertainty in Artificial Intelligence (**UAI'1998**), AUAI, p. 1-7, 1998.

4.2 Other conferences

1. Leila Amgoud, Vivien Beuselinck. *An Equivalence Class of Gradual Semantics.* European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty (**ECSQARU'2023**), Springer Berlin, to appear, 2023.

2. Leila Amgoud, Vivien Beuselinck. *Towards a Principle-based Approach for Case-based Reasoning.* 15th international conference on Scalable Uncertainty Management (**SUM'2022**) , 2022.

3. Leila Amgoud. *Non-monotonic Explanation Functions.* European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty (**ECSQARU'2021**), Springer Berlin, p. 19-31, 2021.

4. Leila Amgoud, Victor David. *Similarity Measures Based on Compiled Arguments.* European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty (**ECSQARU'2021**), Springer Berlin, p. 32-44, 2021.

5. Leila Amgoud. *Explaining Black-box Classification Models with Arguments.* 33rd IEEE International Conference on Tools with Artificial Intelligence (**ICTAI'2021**), p. 791-795, 2021.

6. Leila Amgoud, Victor David. *An Adjustment Function for Dealing with Similarities.* Computational Models of Argument (**COMMA'2020**), p. 79-90, 2020.

7. Leila Amgoud, Victor David, Dragan Doder : *Similarity Measures Between Arguments Revisited.* European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty (**ECSQARU'2019**), Springer Berlin, p. 3-13, 2019.

8. Leila Amgoud, Jonathan Ben-Naim. *Evaluation of arguments in weighted bipolar graphs.* European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty (**ECSQARU'2017**), Springer Berlin, p. 25-35, 2017. **Best paper award**.

9. Leila Amgoud, Jonathan Ben-Naim. *Measuring disagreements in argumentation graphs.* International Conference on Scalable Uncertainty Management (**SUM'2017**), Springer, p. 1-15, 2017.

10. Leila Amgoud, Philippe Besnard, Anthony Hunter. *Representing and reasoning about arguments mined from texts and dialogues.* European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty (**ECSQARU'2015**), Springer Berlin, p. 60-71, 2015.

11. Leila Amgoud, Farid Nouioua. *Undercutting in argumentation systems.* International Conference on Scalable Uncertainty Management (**SUM'2015**), Springer, p. 267-281, 2015.

12. Leila Amgoud, Philippe Besnard, Anthony Hunter. *Logical Representation and Analysis for RC-Arguments.* IEEE International Conference on Tools with Artificial Intelligence (**ICTAI'2015**), IEEE, p. 104-110, 2015.

13. Nardine Osman, Marc D'Inverno, Carles Sierra, Leila Amgoud, Henri Prade, Matthew Yee-King, Roberto Confalonieri, Dave De Jonge, Katina Hazelden. *An Experience-Based BDI Logic : Motivating Shared Experiences and Intentionality.* Annual Conference of the IEEE Industrial Electronics Society (**IECON'2013**), IEEE, p. 6654-6659, 2013.

14. Leila Amgoud, Florence Bannay. *An axiomatic approach for persuasion dialogs.* IEEE International Conference on Tools with Artificial Intelligence (**ICTAI'2013**), IEEE Computer Society, p. 618-625, 2013.

15. Leila Amgoud, Henri Prade. *A formal concept view of argumentation.* European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty (**ECSQARU'2013**), Springer Berlin, p. 1-12, 2013.

16. Leila Amgoud, Jonathan Ben-Naim. *Ranking-based semantics for argumentation frameworks.* International Conference on Scalable Uncertainty Management (**SUM'2013**), Springer Berlin, p. 134-147, 2013.

17. Leila Amgoud, Philippe Besnard. *A formal characterization of the outcomes of rule-based argumentation systems.* International Conference on Scalable Uncertainty Management (**SUM'2013**), Springer Berlin, p. 78-91, 2013.

18. Katina Hazelden, Matthew Yee-King, Leila Amgoud, Marc D'Inverno, Carles Sierra, Nardine Osman, Roberto Confalonieri, Dave De Jonge, Henri Prade. *WeCurate : Designing for synchronised browsing and social negotiation.* International Conference on Agreement Technologies (**AT'2012**), p. 220-230, 2012.

19. Matthew Yee-King, Roberto Confalonieri, Dave De Jonge, Nardine Osman, Katina Hazelden, Leila Amgoud, Henri Prade, Carles Sierra, Marc D'Inverno. *Towards Community Browsing for Shared Experiences : The WeBrowse System.* International Conference on Agreement Technologies (**AT'2012**), p. 201-202, 2012.

20. Leila Amgoud, Marc D'Inverno, Nardine Osman, Henri Prade, Carles Sierra. *Experiences, a forgotten component of epistemic states.* International Conference on Agreement Technologies (**AT'2012**), p. 220-230, 2012.

21. Leila Amgoud, Roberto Confalonieri, Dave De Jonge, Marc D'Inverno, Katina Hazelden, Nardine Osman, Henri Prade, Carles Sierra, Matthew Yee-King. *Sharing online cultural experiences : An argument-based approach.* International Conference on Modeling Decisions for Artificial Intelligence (**MDAI'2012**), Springer, p. 282-293, 2012.

22. Leila Amgoud, Henri Prade. *Towards a Logic of Argumentation.* International Conference on Scalable Uncertainty Management (**SUM'2012**), Volume LNAI 7520, p. 558-565, 2012.

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