

# Henry Prakken's Publications

## Journals

- [1] W. van Woerkom, D. Grossi, H. Prakken & B. Verheij, A fortiori case-based reasoning: from theory to data. *Journal of Artificial Intelligence Research* 81 (2024): 401-441.
- [2] D. Odekerken, F.J. Bex & H. Prakken, Precedent-based reasoning with incomplete information for human-in-the-loop decision support. *Artificial Intelligence and Law*, online first 12 December 2024. <https://doi.org/10.1007/s10506-024-09421-x>.
- [3] H. Prakken, An abstract and structured account of dialectical argument strength. *Artificial Intelligence* 335: 104193, 2024.
- [4] E. Bezou Vrakatseli, H. Prakken & Ch. P. Janssen, Experimental evaluation of gradual argument acceptability semantics: The case of reinstatement. *Argument and Computation* Pre-press, pp. 1-25, 2024. DOI: 10.3233/AAC-230016.
- [5] H. Prakken, When is argumentation deductive? *Journal of Applied Non-Classical Logics* 33 (2023): 212-223. Contribution to a special issue in honour of Philippe Besnard.
- [6] G. Sartor and M. Araszkievicz and K.D. Atkinson and F.J. Bex and T. van Engers and E. Francesconi and H. Prakken and Giovanni Sileno and F. Schilder and A.Z. Wyner and T.J.M. Bench-Capon, Thirty years of *Artificial Intelligence and Law*: the second decade. *Artificial Intelligence and Law* 30 (2022): 521-557.
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- [11] H. Prakken, F.J. Bex & A.R. Mackor, Editors' Review and Introduction: Models of Rational Proof in Criminal Law. *Topics in Cognitive Science* 12:4 (2020), 1053-1067.

- [12] H. Prakken, An argumentation-based analysis of the Simonshaven case. *Topics in Cognitive Science* 12:4 (2020), 1068-1091. (Special issue on Models of Rational Proof in Criminal Law). First online 14 March 2019, <https://doi.org/10.1111/tops.12418>.
- [13] Z. Akata, D. Balliet, M. de Rijke, F. Dignum, V. Dignum, G. Eiben, A. Fokkens, D. Grossi, K. Hindriks, H. Hoos, H. Hung, C. Jonker, Ch. Monz, M. Neerincx, F. Oliehoek, H. Prakken, S. Schlobach, L. van der Gaag, F. van Harmelen, H. van Hoof, B. van Riemsdijk, A. van Wynsberghe, R. Verbrugge, B. Verheij, P. Vossen & M. Welling, A Research Agenda for Hybrid Intelligence: Augmenting Human Intellect With Collaborative, Adaptive, Responsible, and Explainable Artificial Intelligence. *IEEE Computer* vol. 53, issue 8 (2020): 18–28.
- [14] K.D. Atkinson, T.J.M. Bench-Capon, F.J. Bex, T.F. Gordon, H. Prakken, G. Sartor & B. Verheij, In Memoriam Doug Walton: The influence of Doug Walton on AI and Law. *Artificial Intelligence and Law* 28 (2020): 281–326.
- [15] A.J. Garcia, H. Prakken & G.R. Simari, A comparative study of some central notions of ASPIC+ and DeLP. *Theory and Practice of Logic Programming* 20 (2020): 358–390.
- [16] F.J. Bex & H. Prakken, De Juridische Voorspelindustrie: onzinnige hype of nuttige ontwikkeling? *Ars Aequi* 69 (2020): 255–259 (in Dutch).
- [17] H. Prakken, A new use case for argumentation support tools: supporting discussions of Bayesian analyses of complex criminal cases. *Artificial Intelligence and Law* 28 (2020): 27–49. First online 09 October 2018. [doi.org/10.1007/s10506-018-9235-z](https://doi.org/10.1007/s10506-018-9235-z).
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- [19] H. Prakken, Kansoordelen door deskundigen: over ‘logisch’ rapporteren en wat daarbij mis kan gaan *Ars Aequi* 67 (2018): 740–747 (in Dutch).
- [20] S.J. Modgil & H. Prakken, Corrigendum for: A general account of argumentation with preferences [*Artif. Intell.* 195 (2013) 361–397]. *Artificial Intelligence* 263 (2018): 107-110.
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- [41] T. Bench-Capon, M. Araszkievicz, K. Ashley, K. Atkinson, F. Bex, F. Borges, D. Bourcier, D. Bourguine, J.G. Conrad, E. Francesconi, T.F. Gordon, G. Governatori, J.L. Leidner, D.D. Lewis, R.P. Loui, L.T. McCarty, H. Prakken, F. Schilder, E. Schweighofer, P. Thompson, A. Tyrrell, B. Verheij, D.N. Walton & A.Z. Wyner, A history of AI and Law in 50 papers: 25 years of the international conference on AI and Law. *Artificial Intelligence and Law* 20(3): 215–319, 2012.
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- [74] H. Prakken, *Argumentatiemanagement voor Juristen*. Oratie Faculteit der Rechtsgeleerdheid, Universiteit Groningen, 27 September 2005.
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#### **Special Journal issues edited**

- [83] F.J. Bex, A.R. Mackor & H. Prakken, *Topics in Cognitive Science* 12:4 (2020), special issue on ‘Models of Rational Proof in Criminal Law’.
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#### **Refereed papers in international conferences and workshops**

- [115] J. Nouwens, A.M. Borg & H. Prakken, An application of case-based reasoning to decision-making in Dutch administrative law. In J. Savelka, J. Harasta, T. Novotna & J. Misek (eds.), *Legal Knowledge and Information Systems. JURIX 2024 The Thirty-Seventh Annual Conference*, 131-141. Amsterdam etc, IOS Press (2024). (Honourable Mention Best Student Paper Award.)
- [116] W. van Woerkom, D. Grossi, H. Prakken & B. Verheij, A case-based-reasoning analysis of the COMPAS dataset. In J. Savelka, J. Harasta, T. Novotna & J. Misek (eds.), *Legal Knowledge and Information Systems. JURIX 2024 The Thirty-Seventh Annual Conference*, 180-190. Amsterdam etc, IOS Press (2024).
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