Fourth International Conference on Logic Programming and Non-Monotonic Reasoning LP & NMR '97 Dagstuhl, Germany, July 28–31, 1997.

[lpnmr97] Jürgen Dix, Ulrich Furbach, and Anil Nerode, editors. *Proceedings of the Fourth International Conference on Logic Programming and Non-Monotonic Reasoning*, number 1265 in Lecture Notes in Artificial Intelligence. Springer-Verlag, 1997.

[lpnmr97:aravindan-dix-niemelae] C. Aravindan, J. Dix, and I. Niemelä. DisLoP: Towards a disjunctive logic programming system. In Dix et al. [lpnmr97], pages 341–352.

[lpnmr97:blair-dushan-humenn] H. A. Blair, F. Dushin, and P. Humenn. Simulations between programs as cellular automata. In Dix et al. [lpnmr97], pages 115–131.

[lpnmr97:bochman] A. Bochman. A study of Przymusinski's static semantics. In Dix et al. [lpnmr97], pages 170–184.

[lpnmr97:bonatti] P. A. Bonatti. Resolution for skeptical stable semantics. In Dix et al. [lpnmr97], pages 185–197.

[lpnmr97:brogi-contiero-turini] A. Brogi, S. Contiero, and F. Turini. Composing general logic programs. In Dix et al. [lpnmr97], pages 273–288.

[lpnmr97:buccafurri-leone-rullo] F. Buccafurri, N. Leone, and P. Rullo. Strong and weak constraints in disjunctive datalog. In Dix et al. [lpnmr97], pages 2–17.

[lpnmr97:buchberger] B. Buchberger. Computing, solving, proving: A report on the Theorema project (Invited Talk). In Dix et al. [lpnmr97], pages 220–221.

[lpnmr97:damasio-pereira-schroeder] C. V. Damasio, L. M. Pereira, and M. Schroeder. REVISE: Logic programming and diagnosis. In Dix et al. [lpnmr97], pages 353–362.

[lpnmr97:damasio-pereira] C. V. Damásio and L. M. Pereira. A paraconsistent semantics with contradiction support detection. In Dix et al. [lpnmr97], pages 224–243.

[lpnmr97:dekhtyar-dikovsky-spyratos] M. Dekhtyar, A. Dikovsky, and N. Spyratos. On conservative enforced updates. In Dix et al. [lpnmr97], pages 244–257.

[lpnmr97:egly-tompits] U. Egly and H. Tompits. Is non-monotonic reasoning always harder? In Dix et al. [lpnmr97], pages 60–75.

[lpnmr97:eiter-etal] T. Eiter, N. Leone, C. Mateis, G. Pfeifer, and F. Scarcello. A deductive system for non-monotonic reasoning. In Dix et al. [lpnmr97], pages 363–374.

[lpnmr97:eiter-gottlob-veith] T. Eiter, G. Gottlob, and H. Veith. Modular logic programming and generalized quantifiers. In Dix et al. [lpnmr97], pages 289–308.

[lpnmr97:eiter-lu-subrahmanian] T. Eiter, J. Lu, and V. S. Subrahmanian. Computing non-ground representations of stable models. In Dix et al. [lpnmr97], pages 198–217.

[lpnmr97:gelfond] M. Gelfond. Towards a systematic approach to representing knowledge in declarative logic programming (Invited Talk). In Dix et al. [lpnmr97], pages 222–223.

[lpnmr97:jaffar-liu-yap] J. Jaffar, B. Liu, and R. H. Yap. Forward and backward chaining in constraint programming (Invited Talk). In Dix et al. [lpnmr97], pages 1–1.

[lpnmr97:janhunen] T. Janhunen. Separating disbeliefs from beliefs in autoepistemic reasoning. In Dix et al. [lpnmr97], pages 132–151.

[lpnmr97:kakas-mourlas] A. C. Kakas and C. Mourlas. ACLP: Flexible solutions to complex problems. In Dix et al. [lpnmr97], pages 387–398.

[lpnmr97:kandzia] P.-T. Kandzia. Non-monotonic reasoning in FLORID. In Dix et al. [lpnmr97], pages 399–409.

[lpnmr97:karig] M. R. Karig. Industry needs for integrated information services (Invited Talk). In Dix et al. [lpnmr97], pages 218–219.

[lpnmr97:neugebauer-schaefer] G. Neugebauer and D. Schäfer. GLUE: Opening the world to theorem provers. In Dix et al. [lpnmr97], pages 410–419.

[lpnmr97:niemelae-simons] I. Niemelä and P. Simons. Smodels — an implementation of the stable model and well-founded semantics for normal LP. In Dix et al. [lpnmr97], pages 420–429.

[lpnmr97:petukhin] V. Petukhin. Programs with universally quantified embedded implications. In Dix et al. [lpnmr97], pages 309–323.

[lpnmr97:pollett-remmel] C. Pollett and J. B. Remmel. Non-monotonic reasoning with quantified boolean constraints. In Dix et al. [lpnmr97], pages 18–39.

[lpnmr97:rao-etal] P. Rao, K. Sagonas, T. Swift, D. S. Warren, and J. Freire. XSB: A system for efficiently computing WFS. In Dix et al. [lpnmr97], pages 430–440.

[lpnmr97:rosati] R. Rosati. Complexity of only knowing: The propositional case. In Dix et al. [lpnmr97], pages 76–91.

[lpnmr97:schaub-nicolas] T. Schaub and P. Nicolas. An implementation platform for query-answering in default logics: The X-RAY system, its implementation and evaluation. In Dix et al. [lpnmr97], pages 441–452.

[lpnmr97:seitzer-schlipf] J. Seitzer and J. Schlipf. Affordable classes of normal logic programs. In Dix et al. [lpnmr97], pages 92–111.

[lpnmr97:truszczynski] M. Truszczyński. Automated reasoning with non-monotonic logics (Invited Talk). In Dix et al. [lpnmr97], pages 112–114.

[lpnmr97:witteveen-hoek] C. Witteveen and W. van der Hoek. A general framework for revising non-monotonic theories. In Dix et al. [lpnmr97], pages 258–272.

[lpnmr97:yahya] A. H. Yahya. Generalized query answering in disjunctive deductive databases: Procedural and non-monotonic aspects. In Dix et al. [lpnmr97], pages 324–340.

[lpnmr97:zhang-rounds] G.-Q. Zhang and W. C. Rounds. Power defaults. In Dix et al. [lpnmr97], pages 152–169.

[lpnmr97:zukowski-brass-freitag] U. Zukowski, S. Brass, and B. Freitag. Improving the alternating fixpoint: The transformation approach. In Dix et al. [lpnmr97], pages 40–59.

[lpnmr97:zukowski-freitag] U. Zukowski and B. Freitag. The deductive database system LOLA. In Dix et al. [lpnmr97], pages 375–386.