

SVEN HARTMANN:

List of Publications

Edited Books

- [1] S. Hartmann, G. Kern-Isberner, eds.: Foundations of Information and Knowledge Systems. vol. 4932 of *Lecture Notes in Computer Science*, Proceedings of the Fifth International Symposium - FoIKS 2008. Springer, 2008.
- [2] S. Hartmann, X. Zhou, M. Kirchberg, eds.: Web Information Systems Engineering. vol. 5176 of *Lecture Notes in Computer Science*, Workshop Proceedings of the 9th International Conference on Web Information Systems Engineering - WISE 2008. Springer, 2008.
- [3] I.Y. Song, M. Piattini, Y.P. Chen, S. Hartmann, F. Grandi, J. Trujillo, A.L. Opdahl, F. Ferri, P. Grifoni, M.C. Caschera, C. Rolland, C. Woo, C. Salinesi, E. Zimnyi, Ch. Claramunt, F. Frasinca, G.J. Houben, Ph. Thiran, eds.: Advances in Conceptual Modeling - Challenges and Opportunities. vol. 5232 of *Lecture Notes in Computer Science*, Workshop Proceedings of the 27th International Conference on Conceptual Modeling - ER 2008. Springer, 2008.
- [4] J. Grundy, S. Hartmann, A.H.F. Laender, L. Maciaszek, J.F. Roddick, eds.: Challenges in Conceptual Modelling. vol. 83 of *Conferences in Research and Practice in Information Technology*, 26th International Conference on Conceptual Modeling - ER 2007: Tutorials, Posters, Panels and Industrial Contributions. Australian Computer Society, 2007.
- [5] J.L. Hainaut, E.A. Rundensteiner, M. Kirchberg, M. Bertolotto, M. Brochhausen, Y.P. Chen, S. Cherfi, M. Doerr, H. Han, S. Hartmann, J. Parsons, G. Poels, C. Rolland, J. Trujillo, E. Yu, E. Zimanyi, eds.: Advances in Conceptual Modeling. vol. 4802 of *Lecture Notes in Computer Science*, Workshop Proceedings of the 26th International Conference on Conceptual Modeling - ER 2007. Springer, 2007.
- [6] M. Stumptner, S. Hartmann, Y. Kiyoki, eds.: Conceptual Modelling 2006. vol. 53 of *Conferences in Research and Practice in Information Technology*, Proceedings of the Third Asia-Pacific Conference on Conceptual Modelling - APCCM 2006. Australian Computer Society, 2006.
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- [8] S. Hartmann, J.F. Roddick, eds.: Conceptual Modelling 2004. vol. 31 of *Conferences in Research and Practice in Information Technology*, Proceedings of the First Asia-Pacific Conference on Conceptual Modelling - APCCM 2004. Australian Computer Society, 2004.

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- [9] S. Hartmann, H. Köhler, T. Trinh: On the existence of Armstrong data trees for XML functional dependencies *In: Foundations of Information and Knowledge Systems - FoIKS 2010, LNCS*, vol. 5956, pp. 94-113, Springer, 2010.
- [10] S. Hartmann, H. Köhler, J. Wang: Ontology consolidation in bioinformatics *In: Conceptual Modelling - APCCM 2010, CRPIT*, vol. 110, 8 pp., Australian Computer Society, 2010.

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- [11] M. Grüttmüller, S. Hartmann, Th. Kalinowski, U. Leck, I. Roberts: Maximal flat antichains of minimum weight, *Electronic Journal of Combinatorics*, vol. 16, 19 pp., 2009.
- [12] S. Hartmann, S. Link: Efficient reasoning about a robust XML key fragment, *ACM Transactions of Database Systems*, vol. 34, 32 pp., ACM, 2009.
- [13] S. Hartmann, S. Link: Numerical constraints on XML data, *Information and Computation*, doi:10.1016/j.ic.2009.01.004, 25 pp., Elsevier, 2009.
- [14] S. Hartmann, S. Link: On inferences of weak multivalued dependencies, *Fundamenta Informaticae*, vol. 92, pp. 83-103, IOS, 2009.
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- [17] S. Hartmann, S. Link, T. Trinh: Sample-based decision support for specifying XML constraints, *Journal of Research and Practice in Information Technology*, vol. 41, 22 pp., Australian Computer Society, 2009.
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