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Federated Information Management for virtual enterprises

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Appendix A

Author's Publications

This appendix contains an extensive list of the author's publications that were summarized in Chapter 1. The publications list is classified according to chapter subjects.

On General VE Paradigm Issues – Chapter 1

1. L. M. Camarinha-Matos, H. Afsarmanesh, **C. Garita**, and C. Lima, "Towards an Architecture for Virtual Enterprises", *Journal of Intelligent Manufacturing*, vol. 9, pp. 189-199, 1998.
2. L. M. Camarinha-Matos, H. Afsarmanesh, **C. Garita**, and C. Lima, "Towards an Architecture for Virtual Enterprises", in 2nd World Congress on Intelligent Manufacturing Processes & Systems - IMP&S'97, Budapest, Hungary, 1997.

On Surveys of VE Distributed Information Management Approaches for VE Infrastructures – Chapter 2

3. **C. Garita**, H. Afsarmanesh, and L. O. Hertzberger, "A Survey of Distributed Information Management Approaches for Virtual Enterprise Infrastructures", to appear in *Managing Virtual Web Organizations in the 21st Century: Issues and Challenges*, U. J. Franke, Ed.: Idea Group Publishing, 2001.
4. **C. Garita** and H. Afsarmanesh, "A Study of Information Management Approaches for Virtual Enterprise Support Infrastructure", in *COVE News - Newsletter on Co-operation infrastructures for Virtual Enterprises and electronic business*, 2001.

On Analysis of VE Distributed Information Management Requirements – Chapter 3

5. H. Afsarmanesh, **C. Garita**, Y. Ugur, A. Frenkel, and L. O. Hertzberger, "Federated Information Management Requirements for Virtual Enterprises", in *Infrastructures for Virtual Enterprises - Networking Industrial Enterprises*, L. M.

- Camarinha-Matos and H. Afsarmanesh, Eds.: Kluwer Academic, 1999, pp. 36-48.
6. H. Afsarmanesh, **C. Garita**, and L. O. Hertzberger, "Virtual Enterprises and Federated Information Sharing", in 9th International Conference and Workshop on Database and Expert Systems Applications - DEXA'98, Vienna, Austria, 1998.
 7. H. Afsarmanesh, **C. Garita**, L. O. Hertzberger, and V. Santos-Silva, "Management of Distributed Information in Virtual Enterprises - the PRODNET Approach", in 4th International Conference on Concurrent Enterprising - ICE'97, Nottingham, UK, 1997.
 8. **C. Garita** and H. Afsarmanesh, "Information Management Requirements for Virtual Enterprises", WINS Faculty - University of Amsterdam, Technical Report CS-98-03, July 1998.

On Design and Implementation of Federated Information Management System for VEs – Chapter 4

9. **C. Garita**, H. Afsarmanesh, and L. O. Hertzberger, "The PRODNET Federated Information Management Approach for Virtual Enterprise Support", *Journal of Intelligent Manufacturing*, vol. 12, pp. 151-170, 2001.
10. **C. Garita**, H. Afsarmanesh, Y. Ugur, and L. O. Hertzberger, "Federated Query Processing for Distributed Process Coordination in Virtual Enterprises", in 4th IEEE/IFIP International Conference on Information Technology for Balance Automation Systems in Production and Transportation - BASYS'2000, Berlin, Germany, 2000.
11. **C. Garita**, Y. Ugur, A. Frenkel, H. Afsarmanesh, and L. O. Hertzberger, "DIMS: Implementation of a Federated Information Management System for PRODNET II", in 11th International Conference and Workshop on Database and Expert Systems Applications - DEXA'2000, London, England, 2000.
12. A. Frenkel, H. Afsarmanesh, **C. Garita**, and L. O. Hertzberger, "Information Access Rights in Virtual Enterprises", in *E-Business and Virtual Enterprises - Managing Business-to-Business Cooperation*, L. Camarinha-Matos, H. Afsarmanesh, and R. Rabelo, Eds.: Kluwer Academic Publishers, 2000, pp. 177-192.
13. L. M. Camarinha-Matos, H. Afsarmanesh, C. Antunes, J.-F. Clavier, **C. Garita**, P. Gibon, A. Klen, H. Lenz, C. Lima, J. Mota, L. Osorio, R. Rabelo, H. Ribeiro, A. Schreiber, M. Spinosa, and Y. Ugur, "The PRODNET Demonstrator", in *Infrastructures for Virtual Enterprises - Networking Industrial Enterprises*, L. M. Camarinha-Matos and H. Afsarmanesh, Eds.: Kluwer Academic, 1999, pp. 279-290.

14. H. Afsarmanesh, **C. Garita**, Y. Ugur, A. Frenkel, and L. O. Hertzberger, "Design of the DIMS Architecture in PRODNET", in *Infrastructures for Virtual Enterprises - Networking Industrial Enterprises*, L. M. Camarinha-Matos and H. Afsarmanesh, Eds.: Kluwer Academic, 1999, pp. 127-146.
15. H. Afsarmanesh, **C. Garita**, L. M. Camarinha-Matos, and C. Lima, "Workflow Support for Management of Information in PRODNET II", in 5th International Workshop on Intelligent Manufacturing Systems - IMS'98, Gramado, Brazil, 1998.
16. **C. Garita**, Y. Ugur, A. Frenkel, H. Afsarmanesh, and L. O. Hertzberger, "Implementation of the Distributed Information Management System in PRODNET II", WINS Faculty - University of Amsterdam, Technical Report CS-99-03, November 1999.
17. **C. Garita** and H. Afsarmanesh, "Modeling of Federated Information in Virtual Enterprises", WINS Faculty - University of Amsterdam, Technical Report CS-98-04, July 1998.
18. **C. Garita** and H. Afsarmanesh, "Federated Information Access Layer for PRODNET II", WINS Faculty - University of Amsterdam, Technical Report CS-98-05, July 1998.

On Extension and Application of the DIMS to Service-oriented VEs – Chapter 5

19. **C. Garita**, H. Afsarmanesh, E. Kaletas, and L. O. Hertzberger, "Federated Information Management Requirements for Tourism Virtual Enterprises", Faculty of Science - University of Amsterdam, Technical Report CS-01-03, May 2001.
20. **C. Garita**, E. Kaletas, H. Afsarmanesh, and L. O. Hertzberger, "Design of a Federated Information Management System to Support Tourism Virtual Enterprises", Faculty of Science - University of Amsterdam, Technical Report CS-01-04, May 2001.
21. E. Kaletas, **C. Garita**, H. Afsarmanesh, and L. O. Hertzberger, "Implementation of a Federated Information Management System to Support VEs in the Tourism Sector", Faculty of Science - University of Amsterdam, Technical Report CS-01-03, May 2001.

On other Virtual Collaborative Environments

22. H. Afsarmanesh, E. Kaletas, A. Benabdelkader, **C. Garita**, and L. O. Hertzberger, "A Reference Architecture for Scientific Virtual Laboratories", *Future Generation Computer Systems*, vol. 17, pp. 999-1008, 2001.
23. H. Afsarmanesh, A. Benabdelkader, E. Kaletas, **C. Garita**, and L. O. Hertzberger, "Towards a Multi-layer Architecture for Scientific Virtual Laboratories", in 8th International Conference on High Performance Computing and Networking, Amsterdam, The Netherlands, 2000.

Other subjects

24. **C. Garita**, "Introducción al Procesamiento de Voz", *Tiempo Compartido (Computer Science Department - Costa Rican Institute of Technology)*, vol. 4, pp. 19-24, 1994.
25. **C. Garita**, "Symbolic Integration of Multi-variable Functions Using Genetic Programming", in *Computer Science Department*. Cartago: Costa Rican Institute of Technology, 2000.
26. H. Afsarmanesh, A. Benabdelkader, and **C. Garita**, "Specification of an Object-oriented Infrastructure for Data Management in Water Industries", WINS Faculty - University of Amsterdam, Technical Report CS-98-06, September 1998.