

B. H. Far's Publications (2006-2007)

Peer-reviewed Journal Papers:

1. Adnan Ahmed, Behrouz H. Far, "Topology Discovery in MANET Using Mobile Agents: Implementation and Performance Perspectives," *International Journal of Factory Automation, Robotics and Soft Computing*, Issue 3, pp. 32-39, 2007. 7.
2. Tom Wanyama, Behrouz H. Far, "A Qualitative Reasoning Model for Tradeoff Analysis in Multiple Objective Decision Making," *Journal of Advanced Computational Intelligence and Intelligent Informatics (JACIII)*, vol. 11, no. 1, pp. 11-20, 2007. 1.
3. N. Houari, Behrouz H. Far, "A computational Framework for Autonomous and Interactive Multiagent Systems Development", *International Journal of Factory Automation, Robotics and Soft Computing*, Issue 2, pp. 75-83, 2006. 4.
4. Tom Wanyama, Behrouz H. Far, "Multi-Agent System for Integrated Configuration of Manufacturing Products," *International Journal of Manufacturing Technology and Management (IJMTM)*, vol. 8, no. 1/2/3, pp. 19-36, 2006. 4.

Peer-reviewed Conference Papers:

1. N. Houari and Behrouz H. Far, "An Agent-based Adaptive Information Systems: An Integration of Operational Roles and Performance Indicators", *Proceedings of the 2007 IEEE International Conference on Information Reuse and Integration (IEEE IRI-07) Las Vegas, USA, 2007. 8.*
2. Tom Wanyama, A.F.N. Lumala, and Behrouz H. Far, "Decision Support for the Selection of COTS," *Proceedings of the 3rd Annual International Conference on Computing and ICT research, SERC07, August 5-8, 2007, Makerere University, Kampala, Uganda, 2007. 8.*
3. N. Houari, Behrouz H. Far, "An Aggregation of Agents, Roles and Coalition Formation to Support Collaborative and Dynamic Organizations," *Proceedings of the Modeling Decisions for Artificial Intelligence MDAI 2007, Kitakyushu, Japan, August 16-18, 2007. 8.*
4. Behrouz Far, A.H. Elamy, N. Houari and M. Afsharchi, "Adjudicator: A Statistical Approach for Learning Ontology Concepts from Peer Agents," *The 19th International Conference on Software Engineering and Knowledge Engineering SEKE 2007, 2007. 7.*
5. N. Houari, Behrouz H. Far, "On the Modeling of Agent-based Adaptive Information Systems: An Integration of Operational Roles and Performance Indicators," *Proceedings of the 17th International Workshop on Agent-Oriented Information Systems (AOIS-2007), pp. 667-681, June 11th 2007. In Conjunction with CAiSE 2007, Trondheim, Norway. 2007. 6.*
6. N. Houari, Behrouz H. Far, "An Agent-based Approach to Support Performance Management for Dynamic and Collaborative Work," *Proceedings of the 9th International Conference on Enterprise Information Systems (ICEIS 2007), pp. 178-184, 12-16, June 2007, Funchal, Madeira Portugal, 2007. 6.*
7. A. Mousavi, Behrouz H. Far, A. Eberlein, B. Heidari, "Strong Safe Realizability of

- Message Sequence Chart Specifications,” Proceedings of the Fundamental of Software Engineering (FSEN 2007), 2007. 4.
8. N. Houari, Behrouz H. Far, “A Comprehensive Approach for Building an Integrated and Reusable Agent based Applications”, Proceedings of the 3rd International Conference on Autonomous Robots and Agents (ICARA 2006), pp. 59-64. Massey University, Palmerston North, New Zealand, 2006. 12.
 9. N. Houari and Behrouz H. Far, “An Agent based Approach for Project Performance Monitoring and Control Assistance”, Proceedings of the 3rd International Conference on Autonomous Robots and Agents (ICARA 2006), pp. 257-262. Massey University, Palmerston North, New Zealand, 2006. 12.
 10. Mahnaz Shams, Diwakar Krishnamurthy, Behrouz H. Far, “A Model-Based Approach for Testing the Performance of Web Applications,” Proceedings of the 3rd International Workshop on Software Quality Assurance (SOQUA 2006), pp. 54-61, 2006. 11.
 11. M. Afsharchi, Behrouz H. Far, J. Denzinger, “Learning Non-Unanimous Ontology Concepts to Communicate with Groups of Agents”, Proceedings of the International Conference on Intelligent Agent Technology (IAT’06), pp. 211-217, Hong Kong, 2006. 12.
 12. Junling Huang, Behrouz H. Far, “Intelligent Software Measurement System for Automating the Goal-Question-Metrics Process,” IEEE International Conference on Tools with Artificial Intelligence (ICTAI 2006), Washington D.C., 2006. 11.
 13. Behrouz H. Far, Tom Wanyama, Sidi O. Soueina, “A Negotiation Model for Large Scale Multi-Agent Systems,” The 2006 IEEE International Conference on Information Reuse and Integration (IRI 2006), Waikoloa, Hawaii, USA, 2006. 9.
 14. M. Afsharchi, Behrouz H. Far, J. Denzinger, “Ontology Guided Learning to Improve Communication among Groups of Agents,” Proceedings of the 5th International Joint Conference on Autonomous Agents and Multi Agent Systems (AAMAS’06), Hakodate, Japan, pp. 923-930, 2006. 5.
 15. Tom Wanyama, Behrouz H. Far, “Negotiation Coalitions in Group-Choice Multi-Agent Systems,” Proceedings of the 5th International Joint Conference on Autonomous Agents and Multi Agent Systems (AAMAS’06), Hakodate, Japan, pp. 408-410, 2006. 5.
 16. Mohsen Afsharchi, Behrouz H. Far, “Automated Ontology Evolution in a Multi-Agent System,” Proceedings of the ACM International Conference on Scalable Information Systems, (INFOSCALE’06), Article No. 16, 2006. 5.
 17. Mohsen Afsharchi, Behrouz H. Far, “Conceptual Hierarchy Learning in a Multi-Agent System,” Proceedings of the Computer Society of Iran Computer Conference (CSICC), 2006. 1.
 18. Behrouz H. Far, Mohsen Afsharchi, “Elicitation, Representation and Management of Software Design Knowledge Using Multiagent Technology,” Proceedings of the Computer Society of Iran Computer Conference (CSICC), 2006. 1.

Conference Presentations:

1. Behrouz H. Far, “Software Reliability Engineering for Agile Software Development,” 20th IEEE Canadian Conference on Electrical and Computer Engineering CCECE 2007, pp. 694-697, 2007. 4.

2. Adnan Ahmed, Behrouz H. Far, "Performance of Mobile Agent Based Network Topology Discovery," 20th IEEE Canadian Conference on Electrical and Computer Engineering CCECE 2007, pp. 66-69, 2007. 4.
3. Hamdy Ibrahim, Behrouz H. Far, Armin Eberlein, "On Agent-Oriented Requirements Engineering for COTS-Based Software Development (CBSD)," 20th IEEE Canadian Conference on Electrical and Computer Engineering CCECE 2007, pp. 690-693, 2007. 4.
4. Nora Houari, Behrouz H. Far, "A Multiagent Coalition Support Tool for Collaborative and Dynamic Roles," 20th IEEE Canadian Conference on Electrical and Computer Engineering CCECE 2007, pp.1558-1561, 2007. 4.
5. Nora Houari, Behrouz H. Far, "Improving Project Performance with Role Driven Computational Support System," 20th IEEE Canadian Conference on Electrical and Computer Engineering CCECE 2007, pp.1562-1565, 2007. 4.
6. Abdel-Halim Elamy, Behrouz H. Far, "A Multidimensional Weighted Attributes Framework for Evaluating Agent Oriented Software Engineering Methodologies," 19th IEEE Canadian Conference on Electrical and Computer Engineering CCECE 2006, pp. 1659-1662, 2006. 5.
7. Adnan Ahmed, Behrouz H. Far, "Mobile Agent System for Network Topology Discovery," 19th IEEE Canadian Conference on Electrical and Computer Engineering CCECE 2006, pp. 39-42, 2006. 5.
8. Tom Wanyama, Behrouz H. Far, "Repositories for COTS Selection," 19th IEEE Canadian Conference on Electrical and Computer Engineering CCECE 2006, pp. 2381-2384, 2006. 5.

Chapter of the Books:

1. N. Houari, Behrouz H. Far, "A Computational Framework for Autonomous and Interactive Multiagent Systems Development", Recent Advances in Control Systems, Robotics and Automation. (Ed) Salvatore Pennacchio. pp. 118-126, ISBN: 88-901928-0-1. 2006.
2. M. Afsharchi, Behrouz H. Far, "Improving Example Selection for Agents Teaching Ontology Concepts," Proceedings of the 10th International Workshop on Cooperative Information Agents (CIA'06), Springer Lecture Notes in Computer Science, Volume 4149, Pages 228-242, ISBN 978-3-540-38569-1, 2006. 9.
3. Tom Wanyama, Behrouz H. Far, "An Automatic Agent Negotiation Engine for Collaborative Decision Making," Lecture Notes in Computer Science Volume 3885, Vicenç Torra, Yasuo Narukawa, Aïda Valls and Josep Domingo-Ferrer Editors, Modeling Decisions for Artificial Intelligence: Third International Conference, MDAI 2006, Tarragona, Spain, pp. 99 - 109, ISBN: 3-540-32780-0, 2006. 4.