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ACADEMIC QUALIFICATIONS

- 2007 – 2011 PhD in Computer Science at Agent Systems Research Group, Department of Artificial Intelligence, VU University Amsterdam, The Netherlands.
Thesis Title: Analysis and Validation of Models for Trust Dynamics
Promoter: prof. dr. Jan Treur, **Co-Promoter:** dr. Mark Hoogendoorn
- 1999 – 2001 Master of Science (M. Sc.) in Computer Science from Department of Computer Science University of the Punjab, Lahore, Pakistan.
- 1998 – 1999 Postgraduate Diploma (PGD) in Computer Science from Department of Computer Science University of the Punjab, Lahore, Pakistan.
- 1996 – 1998 Bachelor of Science (B. Sc.) in Physics, Pure and Applied Mathematics from Punjab University, Lahore, Pakistan.
- 1994 – 1996 Intermediate in Pre-Engineering (F. Sc. Higher Secondary School Examination), from Board of Intermediate and Secondary Education, Lahore, Pakistan.
- 1992 – 1994 Matriculation (Secondary School Examination), from Board of Intermediate and Secondary Education, Lahore, Pakistan.

EMPLOYMENT HISTORY

- 2012 – to-date Full time Assistant Professor on contract basis, Punjab University College of Information Technology, University of the Punjab, Lahore, Pakistan
- 2011 – 2012 PostDoc (Guest Researcher), Agent Systems Research Group, Department of Artificial Intelligence, VU University Amsterdam, The Netherlands
- 2007 – 2011 Full time PhD candidate in Computer Science, Agent Systems Research Group, Department of Artificial Intelligence, VU University Amsterdam, The Netherlands
- 2002 – 2007 Full time Lecturer on contract basis, Punjab University College of Information Technology, University of the Punjab, Lahore, Pakistan
- 2001 – 2002 Visiting Lecturer, Punjab University College of Information Technology, University of the Punjab, Lahore, Pakistan
- 2001 – 2002 Permanent Lecturer, Pak Institute of Management and Computer Sciences, Lahore, Pakistan

2001 – 2001 Offshore Developer, GBNETS Ltd. UK Lahore Office, Lahore Pakistan

1999 – 2001 Regular Senior Software Instructor, Pak Polytechnique Institute, Lahore, Pakistan

RESEARCH, REPORTS AND CREATIVE ACTIVITIES

(names of the authors are in alphabetical order and all can be regarded as having made a comparable contribution, exceptions are marked *)

Published Research Papers in International Journals

1. Hoogendoorn, M., Jaffry, S.W., Maanen, P.P. van, and Treur, J., Design and Validation of a Relative Trust Model, Knowledge-Based System, Elsevier B. V., 2012, to appear.
2. Jaffry, S.W., and Treur, J., Agent-Based and Population-Based Modelling of Trust Dynamics, Transactions on Computational Collective Intelligence, Springer Verlag, 2012, to appear.
3. T. Bosse, S.W. Jaffry, G.F. Siddiqui, J. Treur, Comparative Analysis of Agent-Based and Population-Based Modelling in Epidemics and Economics. In: Multiagent and Grid Systems, An International Journal (MAGS), to appear.
4. Hoogendoorn, M., Jaffry, S.W., and Treur, J., Cognitive and Neural Modeling of Dynamics of Trust in Competitive Trustees. In: Cognitive Systems Research Journal (CSR), vol. 14, Elsevier B. V., 2012, pp. 60-83.
5. Bosse, T., Both, F., Hoogendoorn, M., Jaffry, S.W., Lambalgen, R. van, Oorburg, R., Sharpanskykh, R., Treur, J., and Vos, M. de, Design and Validation of a Model for a Human's Functional State and Performance. In: International Journal of Modeling, Simulation, and Scientific Computing (IJMSSC), vol. 2, no. 4, World Scientific Publishing, 2011, pp. 413-443.
6. Bosse, T., Gerritsen, C., Hoogendoorn, M., Jaffry, S.W., and Treur, J., Agent-Based versus Population-Based Simulation of Displacement of Crime: A Comparative Study. In: Web Intelligence and Agent Systems Journal (WAIS), vol. 9, no. 2, IOS Press, 2011, pp. 147-160.

Published Research Papers in International Conferences and Workshops

1. Jaffry, S.W., and Treur, J., Modelling Trust for Communicating Agents: Agent-Based and Population-Based Perspectives. In: Jedrzejowicz, P., Nguyen, N.T., Hoang, K. (eds.), Proceedings of the Third International Conference on Computational Collective Intelligence, (ICCCI'11), Gdynia, Poland, Lecture Notes in Artificial Intelligence, Springer Verlag, 2011, pp. 366-377. [BEST STUDENT PAPER AWARD].
2. Hoogendoorn, M., Jaffry, S.W., Maanen, P.P. van, and Treur, J., Modeling and Validation of Biased Human Trust. In: Boissier, O., et al. (eds.), Proceedings of the 11th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, (IAT'11), Lyon, France, IEEE Computer Society Press, 2011, pp. 256-263.
3. Hoogendoorn, M., Jaffry, S.W., and Maanen, P.-P. van., Validation and Verification of Agent Models for Trust: Independent compared to Relative Trust. Proceedings of the 5th IFIP WG 11.11 International Conference on Trust Management. (TM'11), Copenhagen, Denmark, June 29th - July 1st, 2011. International Federation of Information Processing, Advances in Information and Communication Technology Series, Springer Verlag, 2011, vol. 358, pp. 35-50.
4. Hoogendoorn, M., Jaffry, S.W., and Treur, J., Exploration and Exploitation in Adaptive Trust-Based Decision Making in Dynamic Environments. In: Huang, X.J., Ghorbani, A.A., Hacid, M.-S., Yamaguchi, T. (eds.) Proceedings of the 10th IEEE/WIC/ACM International

- Conference on Intelligent Agent Technology, (IAT'10), Toronto, Canada, August 31st - September 3rd, 2010. IEEE Computer Society Press, 2010, pp. 256-260.
5. Hoogendoorn, M., Jaffry, S.W., and Treur, J., Incorporating Interdependency of Trust Values in Existing Models for Trust Dynamics. In: Nishigaki, M., Josang, A., Murayama, Y., Marsh, S. (eds.), Trust Management IV, Proceedings of the 4th International Conference on Trust Management, Advances in Information and Communication Technology, (TM'10), Morioka, Iwate, Japan, June 16th - 18th, 2010. Advances in Information and Communication Technology, vol. 321. Springer Verlag, 2010, pp. 263-276.
 6. Both, F., Hoogendoorn, M., Jaffry, S.W., Lambalgen, R. van, Oorburg, R., Sharpanskykh, A., Treur, J., and Vos, M. de, Adaptation and Validation of an Agent Model of Functional State and Performance for Individuals. In: Yang, J.-J.; Yokoo, M.; Ito, T.; Jin, Z.; Scerri, P. (eds.), Proceedings of 12th International Conference on Principles of Practice in Multi-Agent Systems. (PRIMA'09), Nagoya, Japan, December 13th - 16th, 2009. Lecture Notes in Artificial Intelligence, vol. 5925, Springer Verlag, 2009, pp. 595-607.
 7. Jaffry, S.W., and Treur, J., Comparing a Cognitive and a Neural Model for Relative Trust Dynamics. In: Leung, C.S., Lee, M., and Chan, J.H. (eds.), Proceedings of 16th International Conference on Neural Information Processing. (ICONIP'09), Bangkok, Thailand, December 1st - 5th, 2009. Lecture Notes in Computer Science, vol. 5863 Part I, Springer Verlag, 2009, pp. 72-83.
 8. Hoogendoorn, M., Jaffry, S.W., and Treur, J., Modeling Trust Dynamics from a Neurological Perspective. In: Wang, R., Gu, F. (eds.), Advances in Cognitive Neurodynamics II, Proceedings of the 2nd International Conference on Cognitive Neurodynamics. (ICCN'09), Hangzhou, China, November 15th - 19th, 2009. Springer Verlag, 2011, pp. 523-536.
 9. Hoogendoorn, M., Jaffry, S.W., and Treur, J., An Adaptive Agent Model Estimating Human Trust in Information Sources. In: Baeza-Yates, R., Lang, J., Mitra, S., Parsons, S., Pasi, G. (eds.), Proceedings of the 9th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, (IAT'09), Milan, Italy, September 15th - 18th, 2009. IEEE Computer Society Press, 2009, pp. 458-465.
 10. Hoogendoorn, M., Jaffry, S.W., The Influence of Personalities upon the Dynamics of Trust and Reputation. In: Proceedings of International Symposium on Secure Computing (SecureCom'09), in conjunction with the IEEE International Conference on Privacy, Security, Risk and Trust, (PASSAT'09), Vancouver, Canada, August 29th - 31st, 2009. IEEE Computer Society Press, 2009, pp. 263-270.
 11. Bosse, T., Gerritsen, C., Hoogendoorn, M., Jaffry, S.W., and Treur, J., Comparison of Agent-Based and Population-Based Simulations of Displacement of Crime. In: Jain, L., Gini, M., Faltings, B.B., Terano, T., Zhang, C., Cercone, N., Cao, L. (eds.), Proceedings of the 8th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, (IAT'08), Sydney, Australia, December 9th - 12th, 2008. IEEE Computer Society Press, 2008, pp. 469-476.
 12. Hoogendoorn, M., Jaffry, S.W., and Treur, J., Modeling Dynamics of Relative Trust of Competitive Information Agents. In: Klusch, M., Pechoucek, M., Polleres, A. (eds.), Proc. of the 12th International Workshop on Cooperative Information Agents, (CIA'08), Prague, Czech Republic, September 10th - 12th, 2008. Lecture Notes in Artificial Intelligence, vol. 5180, Springer Verlag, 2008, pp. 55-70.
 13. Bosse, T., Gerritsen, C., Hoogendoorn, M., Jaffry, S.W., and Treur, J., Agent-Based and Population-Based Simulation of Displacement of Crime (extended abstract). In: Ghallab, M.

- (ed.), Proceedings of the 18th European Conference on Artificial Intelligence, (ECAI'08), Patras, Greece, July 21st – 25th, 2008. IOS Press, 2008, pp. 877-878.
14. Jaffry, S.W., Treur, J., Agent-Based and Population-Based Simulation: A Comparative Case Study for Epidemics. In: Proceedings of the 22nd European Conference on Modeling and Simulation, (ECMS'08), Nicosia, Cyprus, June 3rd – 6th, 2008. European Council on Modeling and Simulation, 2008, pp. 123-130.
 15. *Jaffry, S. W., Kayyani, U. R., FOSS Localization: A Solution for The ICT Dilemma of Developing Countries. In: Proceedings of 9th International IEEE MultiTopic Conference, (INMIC'05), Karachi, Pakistan, December 24th – 25th, 2005. pp. 1-5.
 16. Jaffry, S. W., Pedagogical Pattern Language for in Time Student Confidence in Studied Material. In: Proceeding of 9th International IEEE MultiTopic Conference, (INMIC'05) , Karachi, Pakistan, December 24th – 25th, 2005. pp. 1-6.
 17. *Idrees, M., Yousaf, M. M., Jaffry, S. W., Pasha, M. A., Hussain, S. A., Enhancements in AODV Routing Using Mobility Aware Agents. In: Proceedings of IEEE International Conference on Emerging Technologies, (ICET'05), Islamabad, Pakistan, September 16th – 17th, 2005. pp. 98-102.

Poster Presentations in Conferences and Workshops

(names of the authors are in alphabetical order, expectations are marked *)

1. Both, F., Hoogendoorn, M., Jaffry, S.W., Lambalgen, R. van, Oorburg, R., Sharpanskykh, A., Treur, J., and Vos, M. de, Validation of an Agent Model for Human Work Pressure. In: The 9th International Conference on Cognitive Modeling, (ICCM'09), Manchester, (United Kingdom), July 24th – 26th, 2009.
2. Hoogendoorn, M., Jaffry, S.W., and Treur, J., Parameter Estimation for Human Trust in Information Sources (Poster). In: Workshop on Parameter Estimation for Dynamical Systems (PEDS), Eindhoven, (The Netherlands), June 8th - 10th, 2009.
3. Both, F., Hoogendoorn, M., Jaffry, S.W., Lambalgen, R. van, Oorburg, R., Sharpanskykh, A., Treur, J., and Vos, M. de, An Approach to Validate an Agent Model for Human Work Pressure (Poster). In: Workshop on Parameter Estimation for Dynamical Systems (PEDS), Eindhoven, (The Netherlands), June 8th - 10th, 2009.

Journal Reviews

1. Knowledge-Based System, Elsevier B. V.
2. Multiagent and Grid Systems an International Journal, IOS Press.
3. IEEE Intelligent Systems Magazine, IEEE Computer Society Press.
4. IET Information Security, The Institution of Engineering and Technology.
5. International Journal of Computer Mathematics, Taylor & Francis.

Conference Program Committee (PC) Membership

1. The 6th IFIP WG 11.11 International Conference on Trust Management (IFIPTM 2012).
2. International Conference on Data Technologies and Applications (DATA 2012).
3. 15th International Workshop on Trust in Agent Societies (TRUST 2012).
4. 10th International Conference on Frontiers of Information Technology (FIT' 2012).
5. 1st International Workshop on Trustworthy Multi-Agent Systems (TruMAS 2012).

International Conference and Workshop Reviews

1. International Conference on Intelligent Agent Technology (IAT'10, IAT'11).
2. International Conference on Autonomous Agents and Multiagent Systems (AAMAS'10, AAMAS'11).
3. International Conference on Industrial Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE'10).
4. International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMAS'10).
5. European Conference on Artificial Intelligence (ECAI'09).
6. International Workshop on Trusted Communications in Decentralized Computing (TCDC 2010).
7. International Workshop on Multi-Agent Based Simulation (MABS'09).

UNIVERSITY TEACHING

2012 – 2012	Computational Modeling to post-graduated classes at Punjab University College of Information Technology, University of the Punjab, Lahore, Pakistan.
2012 – 2012	Artificial Intelligence to undergraduate classes at Punjab University College of Information Technology, University of the Punjab, Lahore, Pakistan.
2010 – 2011	Advance Programming to under-graduated class at Department of Computer Science, VU University, Amsterdam, The Netherlands.
2009 – 2010	Organizational Dynamics using LeedsTo language to graduated class at Department of Artificial Intelligence VU University, Amsterdam, The Netherlands.
2008 – 2009	Dynamics of Behavior using LeedsTo language to graduated class at Department of Artificial Intelligence VU University, Amsterdam, The Netherlands.
2006 – 2007	Artificial Intelligence to undergraduate classes at Punjab University College of Information Technology, University of the Punjab, Lahore, Pakistan.
2004 – 2006	System Programming in LINUX using C and C++ languages to undergraduate classes at Punjab University College of Information Technology, University of the Punjab, Lahore, Pakistan.
2003 – 2004	Data Structures and Algorithms using C++ language to undergraduate and postgraduate classes at Punjab University College of Information Technology, University of the Punjab, Lahore, Pakistan.
2002 – 2003	Object Oriented Programming using C++ language to undergraduate and postgraduate classes at Punjab University College of Information Technology, University of the Punjab, Lahore, Pakistan.
2001 – 2002	Introduction to Programming Concepts using C language to undergraduate classes at Punjab University College of Information Technology, University of the Punjab, Lahore, Pakistan.

CO AND EXTRA CURRICULAR DUTIES PERFORMED AT UNIVERSITY LEVEL:

2012 – 2012	<i>Head, PUCIT Artificial Intelligence and Multidisciplinary Research Laboratory, Lahore, Pakistan</i>
2012 – 2012	<i>Secretary, Admission Process Review Committee at PUCIT, Lahore, Pakistan</i>
2012 – 2012	<i>Secretary, Research Advisory Committee at PUCIT, Lahore, Pakistan</i>

- 2001 – 2007 *Head/Chairman, Computer Society at PUCIT, Lahore, Pakistan*
- 2002 – 2007 *Secretary, Curriculum Development Committee at PUCIT, Lahore, Pakistan*
- 2006 – 2007 *Member of Board of Studies, Punjab University for the Subject of Computer Science and Information Technology*
- 2006 – 2007 *Member, PUCIT Scholarship Committee, Lahore, Pakistan*
- 2003 – 2006 *Knowledge Mentor, Subjects of Programming Concepts, Object Oriented Programming, Data Structures and System Programming at PUCIT, Lahore, Pakistan*
- 2005 – 2006 *Member, Distributed Computing Research Centre (DCRC) at PUCIT, Lahore, Pakistan*
- 2005 – 2006 *Undergraduate and Postgraduate semester Coordinator at PUCIT, Lahore, Pakistan.*
- 2003 – 2005 *Degree In-charge, B. Sc. (Honors) Degree in Computer Science at PUCIT, Lahore, Pakistan*
- 2004 – 2005 *Patron, PUCIT Electronic Magazine COMPUTING*
- 2005 – 2005 *Coordinator for FOSSAC'05, 1st National Free and Open Source Software Awareness Campaign held on 16-19 August 2005, Punjab University Lahore, Pakistan.*
- 2002 – 2004 *Postgraduate Degree Project Coordinator, PUCIT, Lahore, Pakistan*
- 2002 – 2003 *In-charge SoftComp-I and SoftComp-II, Conducted SoftComp-I, 1st and 2nd PUCIT Computer Science Contest that constitutes Software, Programming and Quiz competitions*

COURSES, WORKSHOPS, AND CONFERENCES, PARTICIPATED/ATTENDED:

Summer Schools, Courses and Tutorials

1. Attended, “MAO – Multi-Agent Organisation”, December 19th – 23rd, 2011 at the Lorentz Center, Leiden, The Netherlands.
2. Attended, Masterclass on “Human-Computer Interaction”, November 24th, 2011 at VU University Amsterdam, Amsterdam, The Netherlands.
3. Attended, Advanced SIKS-Course on Computational Intelligence, October 13th – 14th, 2011 at the Conference Center Hotel Mitland, Utrecht, The Netherlands.
4. Attended, International Workshop on Errors in the Science, September 24th – 28th, 2011 at the Lorentz Center, Leiden, The Netherlands.
5. Attended, Creativity: Meaning, Mechanisms, Models, September 12th – 16th, 2011 at the Lorentz Center, Leiden, The Netherlands.
6. Attended, Summer School on Data Mining, August 29th – September 1st, 2011 at Department of Knowledge Engineering, Maastricht University, Maastricht, The Netherlands.
7. Attended, International Summer School on Intelligent Agent Technology and Web Intelligence, August 26th – 27th, 2011, Campus de la Doua, Lyon, France.
8. Attended, the School for Information and Knowledge Systems (SIKS) on “Learning and Reasoning”, June 9th – 10th, 2011 at the Landgoed Huize Bergen, Vught, The Netherlands.
9. Attended, the School for Information and Knowledge Systems (SIKS) on “Information Retrieval”, June 7th – 8th, 2011 at the Landgoed Huize Bergen, Vught, The Netherlands.
10. Attended, High Performance Computing: Useful for scientific research? June 1st, 2011 at VU Universiteit, Amsterdam, The Netherlands.
11. Attended, the School for Information and Knowledge Systems (SIKS), “advanced course on Agent Based Simulation”, February 21st – 22nd, 2011 at the Conference Center Woudschoten, Zeist, The Netherlands.

12. Attended, 3rd International Workshop, "HART - Human-Agent-Robot Teamwork", December 13th – 17th, 2010 at the Lorentz Center, Leiden, The Netherlands.
13. Attended, Scientific ICT Research Event Netherland (Next Level) SIREN/NL 2010, November 2nd, 2010 at Veldhoven, The Netherlands.
14. Attended, Masterclass on "Design Science methodology: Principles and Practice", October 15th, 2010 at Conference Center Hoog Brabant, Utrecht, The Netherlands.
15. Attended, Summer School, "Computational Intelligence in HealthCare", September 20th – 24th, 2010 at TU/e, Eindhoven, The Netherlands.
16. Attended, Tutorial on "Identity Management", June 14th, 2010, at Iwate Prefecture Citizen's Cultural Exchange Conference Center (AIINA), Morioka, Iwate, Japan.
17. Attended, International Workshop "Understanding and the Aims of Science", May 31st – June 4th, 2010 at the Lorentz Center, Leiden, The Netherlands.
18. Attended, International Workshop "Integrating Cultures: Models, Simulations and Applications", April 6th – 9th, 2010 at the Lorentz Center, Leiden, The Netherlands.
19. Attended, International Workshop "Formal theories of communication", February 22nd – 26th, 2010 at the Lorentz Center, Leiden, The Netherlands.
20. Attended, International Workshop "Philosophy of the Information and Computing Sciences", February 8th – 12th, 2010 at the Lorentz Center, Leiden, The Netherlands.
21. Attended, Tutorial on Game-theory/Mechanism Design/Auctions in Multi-agent Systems, December 13th, 2009, Nagoya Institute of Technology, Nagoya, Japan.
22. Attended, Tutorial on Computational Approaches in Social Computing, December 3rd, 2009 at Windsor Suites Hotel Bangkok, Bangkok, Thailand.
23. Attended, Workshop on Social Computing in Education, August 31st, 2009 at Vancouver, Canada.
24. Attended, Tutorial on Cognitive Modeling with the Neural Engineering Framework, July 23rd, 2009 at University of Manchester, Manchester, United Kingdom.
25. Attended, International Workshop "Brain Waves", June 22nd – 26th, 2009 at the Lorentz Center, Leiden, The Netherlands.
26. Attended, Workshop on "EndNote 2007", March 10th, 2009 at Main Library VU Universiteit, Amsterdam, The Netherlands.
27. Attended, Modeling and Simulating Work Practice with the Brahms Agent Environment, May 2008, at Utrecht University, Utrecht, The Netherlands.
28. Attended, Workshop on "Agent Based Approaches in Economics", January 2008, at Erasmus School of Economics, Rotterdam, The Netherlands.
29. Attended, Almende Summer School on Self Organizing Systems and Agent Architecture, August 2007, Rotterdam, The Netherlands.
30. Attended, Microsoft TechNet and MSDN Workshop in February 2005 held at Pearl Continental Hotel, Lahore, Pakistan.
31. Attended, Computer Science Teacher Training Workshop, CSTTW'04, in August 2004 held at Punjab University College of Information Technology, Lahore, Pakistan.
32. Attended, Workshop on Knowledge Management in January 2004 held at Punjab University College of Information Technology, Lahore, Pakistan.

33. Participated, Summer School in Morphology and Syntax of Urdu for Computational Linguistics during August 13th – 23rd, 2003 held at National University of Computer and Emerging Sciences, Lahore, Pakistan.
34. Attended, Workshop on Software Development in Urdu and Regional Languages in September 2002 held at Karachi Institute of Information Technology, Karachi, Pakistan.

International Conferences and Workshops

1. Attended, International Workshop on Computational Methods in Mathematics, May 7th – 9th, 2012 at the COMSTECH, Islamabad, Pakistan.
2. Participated, Third International Conference on Computational Collective Intelligence, (ICCCI'11), September 21st – 23rd, 2011 at Academia Moraska, Gdynia, (Poland).
3. Participated, 11th IEEE/WIC/ACM International Conference on Intelligent Agent Technology. (IAT'11), August 22nd – 25th, 2011, Campus de la Doua, Lyon, France.
4. Participated, 5th International Conference on Trust Management Advances in Information and Communication Technology, (TM'11), June 29th – July 1st, 2011, Technical University of Denmark (DTU), Copenhagen, Denmark.
5. Attended, International Workshop “Computational Intelligence in HealthCare”, September 21st – 22nd, 2010 at TU/e, Eindhoven, The Netherlands.
6. Participated, 10th IEEE/WIC/ACM International Conference on Intelligent Agent Technology. (IAT'10), August 31st - September 3rd, 2010, York University, Toronto, Canada.
7. Attended, 4th International Workshop on Human Aspects in Ambient Intelligence: Agent Technology, Human-Oriented Knowledge, and Applications (IAT: HAI), August 31st, 2010, York University, Toronto, Canada.
8. Attended, 2nd International Workshop on Collaborative Agents -- REsearch and Development (CARE), August 31st, 2010, York University, Toronto, Canada.
9. Participated, 4th International Conference on Trust Management Advances in Information and Communication Technology, (TM'10), June 16th - 18th, 2010, Morioka, Iwate, Japan.
10. Attended, The Joint International Workshop on Trust in Location and Communications in Decentralised Computing, June 15th, 2010, at Iwate Prefecture Citizen's Cultural Exchange Conference Center (AIINA), Morioka, Iwate, Japan.
11. Participated, 12th International Conference on Principles of Practice in Multi-Agent Systems. (PRIMA'09), December 13th - 16th, 2009 at Nagoya Congress Center, Nagoya, Japan.
12. Attended, Joint Workshop on Agent Technology for Disaster Management & Intelligent Agents in Sensor Networks and Sensor Web, December 12th, 2009, Nagoya Institute of Technology, Nagoya, Japan.
13. Participated, 16th International Conference on Neural Information Processing. (ICONIP'09), December 1st - 5th, 2009 at Windsor Suites Hotel Bangkok, Bangkok, Thailand.
14. Participated, Second International Conference on Cognitive Neurodynamics. (ICCN'09), November 15th – 19th, 2009 at Days Hotel Hangzhou, Hangzhou, China.
15. Participated, International Symposium on Secure Computing (SecureCom'09), in conjunction with the IEEE International Conference on Privacy, Security, Risk and Trust, (PASSAT'09), August 29th - 31st, 2009 at Vancouver, Canada.
16. Participated, 9th International Conference on Cognitive Modeling, (ICCM'09), July 24th – 26th, 2009 at University of Manchester, Manchester, United Kingdom.

17. Participated, Workshop on Parameter Estimation for Dynamical Systems (PEDS), June 8th - 10th, 2009 at European Institute for Statistics, Probability, Stochastic Operations Research and its Applications (EURANDOM) Technical University Eindhoven, The Netherlands.
18. Participated, 3rd International School “DECOI 2009: Design of Collective Intelligence, February 23rd – 27th, 2009 at the Lorentz Center, Leiden, The Netherlands.
19. Participated, 12th International Workshop on Cooperative Information Agents, CIA'08, September 10th – 12th, 2008 at Czech Technical University, Prague, Czech Republic.
20. Participated, 22nd European Conference on Modeling and Simulation, ECMS'08, June 3rd – 6th, 2008 at University of Cyprus, Nicosia, Cyprus.
21. Attended, 4th International Workshop on Frontiers of Information Technology, FIT'06, December 20th – 21st, 2006, Islamabad, Pakistan,.
22. Participated, International Conference on E-Governance: A Catalyst for Change, ICEG'05, December 9th – 11th, 2005, at LUMS, Lahore, Pakistan.
23. Organized, 1st National Conference on Trends and Practices of Free and Open Source Software Technologies, TPFOSSST 05, August 18th – 19th, 2005, at PUCIT, Lahore, Pakistan.
24. Participated, CIIT Workshop on Research in Computing Spring 2005, CWRC' S05, April 2005, at COMSATS, Abbottabad, Pakistan.
25. Organized, 1st Student Conference on Computer Science Spring 2004, SCCS04, June 22nd – 24th, 2004 at Punjab University College of Information Technology Lahore, Pakistan.

MEMBERSHIP OF LEARNED SOCIETIES

1. Member of *Institute of Electrical and Electronics Engineering* (IEEE) (www.ieee.org)
2. Member of *IEEE Computer Society* (IEEE-CS) (www.computer.org)
3. Member of *International Network for Social Network Analysis* (INSNA) (www.insna.org)
4. Member *Computer Science Teachers Association* (CSTA) (csta.acm.org)