

CURRICULUM VITAE

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Date of Birth: July 17, 1953. Kyoto, Japan.

EMPLOYMENT HISTORY

- 2014-2018: *Visiting Professor* (October 2014 - October 2018), XinJiang University.
- 2014-2017: Distinguished Professor of Science, (September 2014 - August 2017), Hong Kong Baptist University.
- 1998-present: *Full Professor* (April 1998), Department of Social Informatics, Kyoto University.
- 2008- 2013: *Visiting Professor*, National Institute of Informatics.
- 2011 summer: *Visiting Professor* (June 2011 - July 2011), Department of Computer Science, Hong Kong Baptist University.
- 2006-2011: *Project Leader* (April 2006 - March 2011), Language Grid, National Institute of Information and Communications Technology.
- 2002-2009: *Visiting Professor* (December 2002 - November 2005, February 2006 - January 2009), Shanghai Jiao Tong University.
- 2006 summer: *Visiting Professor* (August 2006 - September 2006), Computer Science and Technology Department, Tsinghua University.
- 1998-2005: *Research Professor* (October 1998 - March 2005), NTT Communication Science Laboratories.
- 2003 summer: *Invited Professor*, Laboratoire d'Informatique de Paris 6, Universite Pierre et Marie Curie.
- 2002 summer: *Visiting Professor*, Institute for Advanced Computer Studies, University of Maryland.
- 2000 spring: *Invited Professor*, Laboratoire d'Informatique de Paris 6, Universite Pierre et Marie Curie.
- 1993-1998: *Full Professor* (July 1993), Department of Information Science, Kyoto University.
- 1996 summer: *Guest Professor*, Institut fuer Informatik, Technische Universitaet Muenchen.
- 1991-1993: *Senior Research Scientist*, Supervisor, NTT Communication Science Laboratories
- 1989-1991: *Senior Research Engineer*, Supervisor, NTT Communications and Information

- Processing Laboratories.
- 1985-1988: *Senior Research Engineer*, NTT Communications and Information Processing Laboratories.
- 1983-1984: *Visiting Scholar*, Department of Computer Science, Columbia University, New York.
- 1978-1982: *Research Engineer*, NTT Yokosuka Electric Communication Laboratories.

EDUCATION

1989.7: Doctor of Engineering in Information Science, Kyoto University, Kyoto.

Dissertation: *Performance Improvement of Production Systems*

1978.3: Master of Engineering in Information Science, Kyoto University, Kyoto.

1976.3: Bachelor of Engineering in Information Science, Kyoto University, Kyoto.

AREAS OF INTEREST

1. Language Services Infrastructure
2. Digital Cities and Intercultural Collaboration
3. Groupware and Communityware
4. Autonomous Agents and Multiagent Systems
5. Problem Solving, Planning and Heuristic Search
6. Parallel and Distributed Computing.

PROFESSIONAL ACTIVITIES

Association

1. *Member* of the Scientific Council of Web Science Research Initiative, 2008-2011.
2. *Member* of the AAAI Presidential Panel on Long-Term AI Futures, 2008-2009.
3. *Board Member* of the International Foundation on Autonomous Agents and Multiagent Systems, IFAAMAS, 2007-2008.
4. *Board Member* of the International Foundation on Multiagent Systems, IFMAS, 1998-2002, 2004-2006.

Journals and Books

1. *Editorial Board Member* of *Designs*, Multidisciplinary Digital Publishing Institute, 2016-.
2. *Advisory Board* of the *Journal of Ambient Intelligence and Smart Environments (JAISE)*, Springer-Verlag, 2008-.

3. *Editorial Board Member* of Language@Internet! 2008-.
4. *Associate Editor* of the Journal of Autonomous Agents and Multi-Agent Systems, Kluwer Academic Publishers, 1997-.
5. *Associate Editor* of International Journal of Artificial Intelligence Tools, World Scientific, 1996-.
6. *Editorial Board Member* of International Journal of Web Intelligence and Agent Systems, 2002-2014.
7. *Editorial Board Member* of Web Semantics: Journal of Science, Services and Agents on World Wide Web, Elsevier, 2006-2010.
8. *Area Editor* (Artificial Intelligence) of the Journal of Computer Science and Technology, 2007-2009.
9. *Editorial Board Member* of Handbook of Research on Knowledge-Intensive Organization. Information Science Reference, 2008.
10. *Series Editor* of Springer Book Series of Agent Technology, Springer-Verlag, 2001-2006.
11. *Editor-in-Chief* of Web Semantics: Journal of Science, Services and Agents on World Wide Web, Elsevier, 2003-2005.
12. *Editorial Board* of the Journal of Computational & Mathematical Organization Theory, Kluwer Academic Publishers, 1995-2003.
13. *Editorial Board Member* of the Information Society, An International Journal, 1998-2001.
14. *Associate Editor* of IEEE Transactions on Pattern Analysis and Machine Intelligence, 1996-1999.
15. *Editorial Board* of the Journal of Artificial Intelligence Research JAIR, Morgan Kaufmann, 1995, 1996.

Conferences

1. *Honorary Chair* of International Conference on Electronic Commerce, Korea, 2016.
2. *Honorary Chair* of German Conference Series MATES on Multiagent System Technologies, 2016.
3. *General Co-Chair* of International Conference on Culture and Computing, 2012, 2013, 2015.
4. *Committee Chair* of IFAAMAS Award for Influential Papers in Autonomous Agents and Multiagent Systems, 2014.
5. *Scientific Committee Member* of Language Resources and Evaluation Conference, LREC, 2008, 2010, 2012, 2014.
6. *Program Committee Member* of International Conference on Practical Applications of Agents and Multi-Agent Systems, PAAMS, 2014.
7. *Program Co-Chair* of International Conference on Practical Applications of Agents and Multi-Agent Systems, PAAMS, 2013.
8. *Program Committee Member* of Global Wordnet Conference 2011.

9. *General Co-Chair* of International Conference on Semantics, Knowledge and Grid, SKG, 2011.
10. *Scientific Committee Member* of International Conference on Practical Applications of Agents and Multi-Agent Systems, PAAMS, 2009-2011.
11. *Conference Co-Chair* of International Conference on Culture and Computing, 2011.
12. *Conference Chair* of International Conference on Culture and Computing, 2010.
13. *Senior Program Committee Member* of International Conference on Autonomous Agents and Multiagent Systems, AAMAS, 2005, 2007, 2010.
14. *Program Co-Chair* of ACM International Conference on Intercultural Collaboration, ICIC, 2010.
15. *Program Committee Member* of IEEE International Conference on Web Services, ICWS, 2009-2010.
16. *Program Committee Member* of IEEE International Conference on Services Computing, SCC, 2009-2010.
17. *Program Committee Member* of IEEE International Conference on Web Services, ICWS, 2010.
18. *Program Committee Member* of Web Science conference, WebSci, 2009-2010.
19. *Program Committee Member* of Fifth International Conference on Computing Sciences: Research, Innovation and Vision for the Future, RIVF, 2007-2010.
20. *Program Committee Member* of IEEE International Conference on Service-Oriented Computing and Applications, SOCA, 2009.
21. *Program Committee Member* of International Conference on Global Interoperability for Language Resources, ICIG, 2008.
22. *Program Committee Member* of International Conference on Intelligent Information Processing, IIP, 2008.
23. *Program Committee Member* of International Conference on Knowledge Science, Engineering and Management, KSEM, 2007.
24. *Program Committee Member* of International Conference on Communities & Technologies, C&T, 2005, 2007.
25. *Program Committee Member* of German Conference on Multiagent Systems Technologies, MATES, 2005-2006.
26. *Program Co-Chair* of International Conference on Semantics, Knowledge and Grid, SKG, 2006.
27. *General Co-Chair* of International Conference on Intelligent Information Processing, IIP, 2006.
28. *Program Committee Member* of International Semantic Web Conference, ISWC, 2006.
29. *International Advisory Committee Member* of International Conference on Knowledge, Information, and Creativity Support Systems, KICSS, 2006.
30. *Program Committee Member* of World Congress on Social Simulation, WCSS, 2006.
31. *Doctoral Mentoring Co-Chair* of International Conference on Autonomous Agents and Multiagent Systems, AAMAS, 2006.

32. *Track Co-Chair* of Fourth International Conference on Computing Sciences: Research, Innovation and Vision for the Future, RIVE, 2006.
33. *Advisory Board Member*, International Conference on Semantics, Knowledge and Grid, SKG, 2005.
34. *Program Committee Member* of IFIP International Conference on Intelligent Information Processing, ICIIP, 2004.
35. *Senior Program Committee Member* of Third International Semantic Web Conference, ISWC, 2004.
36. *Program Committee Member* of Third International Conference on Autonomous Agents and Multiagent Systems, AAMAS, 2004.
37. *General Co-Chair* of First International Conference on Autonomous Agents and Multiagent Systems, AAMAS, 2002.
38. *Senior Program Committee Member* of Fourth International Conference on Autonomous Agents, Agents, 2001.
39. *Program Vice-Chair* of First International Symposium on Applications and the Internet, SAINT, 2001.
40. *Program Committee Member* of Second Asia-Pacific Conference on Intelligent Agent Technology, IAT, 2001.
41. *Program Committee Member* of International Conferences on Info-tech & Info-net, 2001.
42. *Program Vice-Chair* of 20th International Conference on Distributed Computing Systems, ICDCS, 2000.
43. *Program Committee Member* of International Conference on Multiagent Systems, ICMAS, 1995-1996, 1998, 2000.
44. *Advisory Committee Member* of International Conference on Multiagent Systems, ICMAS, 1995-1996.
45. *Program Committee Member* of Fifth European Conference on Planning, ECP, 1999.
46. *Program Committee Member* of Third International Conference on Autonomous Agents, Agents, 1999.
47. *Organizing Committee Member* of International Conference on Computers in Education, ICCE, 1999.
48. *Program Committee Member* of International Conference on Parallel Processing, ICPP, 1999.
49. *Program Committee Member* of International Conference and Exhibition on the Practical Application of Intelligent Agents and Multi-Agent Technology, PAAM, 1996-1999.
50. *Program Committee Member* of First International Conference on Information and Computational Economics, 1998.
51. *Program Vice-Chair* of 18th International Conference on Distributed Computing Systems,

- ICDCS, 1998.
52. *Program Committee Member* of 15th International Joint Conference on Artificial Intelligence, IJCAI, 1997.
 53. *Member* of COP3 Information Support Committee of Kyoto, 1997
 54. *Technical Program Committee Member* of IEEE Infocom, Infocom-97, 1997.
 55. *Program Co-Chair* of the International Conference on Multiagent Systems, ICMAS, 1996.
 56. *Program Committee Member* of National Conference of Artificial Intelligence, AAAI, 1996.
 57. *Advisory Committee Member* of International Conference on Multiagent Systems ICMAS, 1995, 1996.
 58. *Program Committee Member / Video Track Chair* of 13th International Joint Conference on Artificial Intelligence, IJCAI, 1993.
 59. *Program Committee Member* of International Conference on Distributed Computing Systems, ICDCS, 1992.

MEMBERSHIPS

1. The Institute of Electronics, Information and Communication Engineers (IEICE) Fellow from 2008.
2. The Institute of Electrical and Electronics Engineers, Inc. (IEEE) Fellow from 2002.
3. The Information Processing Society of Japan (IPSJ) Fellow from 2005.
4. The Association for Computing Machinery (ACM).
5. The Japanese Society of Artificial Intelligence (JSAI).
6. The American Association for Artificial Intelligence (AAAI).
7. Japan Society for Software Science and Technology (JSSST).
8. The Japan Association for Social Informatics (JASI)

SUPERVISED PHD THESIS

1. Shinsuke Goto. Modeling and Designing Crowdsourcing Workflow for Complex Tasks. March, 2017.
2. Xun Cao. Understanding and Supporting Listening Comprehension of Non-native Speakers. March, 2017.
3. Kemas Muslim Lhaksana. *Multiagent Systems for Robust IoT Services*. September, 2016.
4. Zhou Xin, *Robust Reputation System for Web Services*. September, 2016.
5. Mai Xuan Trang, *Policy-Aware Parallel Execution of Composite Services*. March, 2016.
6. Amit Pariyar. *Supporting Consistencies in Multi-Language Knowledge Sharing*. September, 2015.

7. Mairidan Wushouer. *Pivot-Based Bilingual Dictionary Creation for Low-Resource Languages*. March, 2015.
8. Chunqi Shi. *User-Centered Design of Translation Systems*. September, 2013.
9. Ari Hautasaari. Supporting Multilingual and Intercultural Communication with Language Services - Activity Theory Approach. March, 2013.
10. Arif Bramantoro. *Composing and Organizing Language Services*. March, 2011.
11. Makoto Nakatsuji. *Modeling and Predicting User Interests based on Taxonomy*. September, 2010.
12. Cho Heeryon. *Analysis of Cultural Differences in Pictogram Interpretations*. March, 2009.
13. Masahiro Tanaka. *Composing and Supervising Language Services on the Internet*. March, 2009.
14. Yuu Nakajima. *Outdoor Evacuation Experiment Augmented by Massively Multiagent Simulation*. March, 2009.
15. Donghui Lin. *Modeling and Coordination in Interorganizational Workflow*. September, 2008.
16. Naomi Yamashita. *Analyses of Machine Translation Mediated Communication*. September, 2006.
17. Yohei Murakami. *Protocol Design Using Participatory Simulation*. March, 2006.
18. Daisuke Torii. *Modeling Agents and Interactions for Social Simulation*. March, 2006.
19. Tomoko Koda. *Analysis of the Effects of Lifelike Characters on Computer-mediated Communication*. March, 2006.
20. Saeko Nomura. *Analyses of Academic Communities Using Information on the Web*. January, 2004.
21. Masayuki Okamoto. *Design and Applications of Learning Conversational Agents*, March, 2003.
22. Satoshi Oyama. *A Constructive Approach for Communication Robots*, March, 2003.
23. Takayuki Kanda. *Query Refinement for Domain-Specific Web Search*. March, 2002.
24. Takushi Sogo. *Localization of Sensors and Objects in Distributed Omnidirectional Vision*. September, 2001.
25. Hideyuki Nakanishi. *Design and Analysis of Social Interaction in Virtual Meeting Space*. March, 2001.
26. Masashi Shimbo. *Real-Time Search with Nonstandard Heuristics*. March, 2000.
27. Hirofumi Yamaki. *Market-Based Control for Quality of Services in Network Applications*. September, 1999.

PUBLICATIONS

Books

1. Toru Ishida Ed. *Field Informatics*. Kyoto University Field Informatics Research Group. Springer,

2012. ISBN 978-3-642-29005-3. 170 pages.
2. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability*. Springer, 2011. ISBN 978-3-642-21177-5. 306pages.
 3. Toru Ishida Ed. *Community Computing: Collaboration over Global Information Networks*. John Wiley and Sons, 1998. ISBN 0471979651.
 4. Toru Ishida. *Real-Time Search for Learning Autonomous Agents*. Kluwer Academic Publishers, 1997. ISBN 0792399447.
 5. Toru Ishida. *Parallel, Distributed and Multiagent Production Systems*. Lecture Notes in Artificial Intelligence 878, Springer-Verlag, 1994. ISBN 0387586989.

Chapters in Books

1. Toru Ishida, Donghui Lin, Masayuki Otani, Shigeo Matsubara, Yohei Murakami, Reiko Hishiyama, Yuu Nakajima, Toshiyuki Takasaki, and Yumiko Mori. Field-Oriented Service Design: A Multiagent Approach. Takashi Maeno et al. (Eds.), *Serviceology for Designing the Future*, Springer, 2016.
2. Donghui Lin, Toru Ishida, and Masayuki Otani. A Value Co-Creation Model for Multi-Language Knowledge Communication. Takashi Maeno et al. (Eds.), *Serviceology for Designing the Future*, Springer, 2016.
3. Masayuki Otani, Kaori Kita, Donghui Lin, and Toru Ishida. Analysis of Multi-language Knowledge Communication Service in Intercultural Agricultural Support. Takashi Maeno et al. (Eds.), *Serviceology for Designing the Future*, Springer, 2016.
4. Mai Xuan Trang, Yohei Murakami, Toru Ishida. Modeling Parallel Execution Policies of Web Services. Yin Zhang, Limei Peng, Chan-Hyun Youn (Eds.), *Cloud Computing*. Springer, pp. 244-254, 2016
5. Toshiya Naka and Toru Ishida. Dynamic Motion Analysis of Gesture Interaction. João Rodrigues et al Eds. Handbook of Research on Human-Computer Interfaces, Developments, and Applications. IGI Global, pp. 23-52, June 2016.
6. Donghui Lin and Toru Ishida. User-Centered Service Design for Multi-Language Knowledge Communication. Masaaki Mochimaru, Kanji Ueda, and Takeshi Takenaka (Eds.), *Serviceology for Services*. Springer, pp. 309-317, 2014.
7. Yohei Murakami, Donghui Lin, and Toru Ishida. Service-Oriented Architecture for Interoperability of Multi-Language Services. Paul Buitelaar and Philipp Cimiano (Eds.), *Towards the Multilingual Semantic Web*. Springer, pp. 313-328, 2014.
8. Toru Ishida, Hiromitsu Hattori and Yuu Nakajima. Multi-Agent Simulation. Toru Ishida Ed. *Field Informatics*. Kyoto University Field Informatics Research Group. Springer, 2012.
9. Toru Ishida, Yohei Murakami and Donghui Lin. The Language Grid: Service-Oriented Approach to Sharing Language Resources. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective*

- Intelligence for Language Resource Interoperability*, pp.3-18, Springer, 2011.
10. Yohei Murakami, Donghui Lin, Masahiro Tanaka, Takao Nakaguchi and Toru Ishida. Service Grid Architecture. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability*, pp.19-34, Springer, 2011.
 11. Ahlem Ben Hassine, Shigeo Matsubara and Toru Ishida. Horizontal Service Composition for Language Services. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability*, pp.53-68, Springer, 2011.
 12. Masahiro Tanaka, Toru Ishida and Yohei Murakami. Service Supervision for Runtime Service Management. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability*, pp.69-84, Springer, 2011.
 13. Rie Tanaka, Yohei Murakami and Toru Ishida. Cascading Translation Services. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability*, pp.119-132, Springer, 2011.
 14. Heeryon Cho and Toru Ishida. Exploring Cultural Differences in Pictogram Interpretations. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability*, pp.133-150, Springer, 2011.
 15. Naomi Yamashita and Toru Ishida. Conversational Grounding in Machine Translation Mediated Communication. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability*, pp.183-200, Springer, 2011.
 16. Daisuke Morita and Toru Ishida. Collaborative Translation Protocols. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability*, pp.215-230, Springer, 2011.
 17. Ari Hautasaari, Toshiyuki Takasaki, Takao Nakaguchi, Jun Koyama, Yohei Murakami and Toru Ishida. Multi-Language Discussion Platform for Wikipedia Translation. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability*, pp.231-246, Springer, 2011.
 18. Arif Bramantoro, Ulrich Schäfer, and Toru Ishida. Pipelining Software and Services for Language Processing. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability*, pp.247-262, Springer, 2011.
 19. Yue Suo, Yuanchun Shi and Toru Ishida. Integrating Smart Classroom and Language Services. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability*, pp.263-278, Springer, 2011.
 20. Toru Ishida, Yohei Murakami, Eri Tsunokawa, Yoko Kubota and Virach Sornlertlamvanich. Federated Operation Model for Service Grids. Toru Ishida Ed. *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability*, pp.279-298, Springer, 2011.
 21. Mika Yasuoka, Toru Ishida and Alessandro Aurigi. The Advancement of World Digital Cities.

- Nakashima, Hideyuki; Aghajan, Hamid; Augusto, Juan Carlos (Eds.) *Handbook of Ambient Intelligence and Smart Environments*, pp. 939-958, Springer-Verlag, 2009.10.21.
22. Hideyuki Nakanishi, Toru Ishida and Satoshi Koizumi. Virtual Cities for Simulating Smart Urban Public Spaces. *Urban Informatics: Community Integration and Implementation*. F. Marcus Ed. *Handbook of Research on Urban Informatics: The Practice and Promise of the Real-Time City*. Information Science Reference, IGI Global, pp.256-268, 2008.
 23. Hideyuki Nakanishi and Toru Ishida. Understanding Social Agents in Virtual Space. K. Okada, T. Hoshi and T. Inoue Eds., *Communication and Collaboration Support Systems*, IOS press, pp. 116-131, 2005.
 24. Toru Ishida. Activities and Technologies in Digital City Kyoto. Peter van den Besselaar and Satoshi Koizumi Eds. *Digital Cities III, Information Technologies for Social Capital: a Cross-Cultural Perspective*, Lecture Notes in Computer Science, State-of-the-Art Survey, 3081, pp. 166-187, 2005.
 25. Toru Ishida, Alessandro Aurigi and Mika Yasuoka. World Digital Cities: Beyond heterogeneity. Peter van den Besselaar and Satoshi Koizumi Eds. *Digital Cities III, Information Technologies for Social Capital: a Cross-Cultural Perspective*, Lecture Notes in Computer Science, State-of-the-Art Survey, 3081, pp. 188-203, 2005.
 26. Matthias Klusch, T. Rist, E. Andre, Toru Ishida and Hideyuki Nakanishi. Interactive Information Agents and Interfaces. RW Proctor, K-P L Vu Eds, *Handbook of Human Factors in Web Design*, Lawrence Erlbaum Associates, pp. 211-236, 2005.
 27. Hideyuki Nakanishi, Toru Ishida, Katherine Isbister and Clifford Nass. Designing a Social Agent for Virtual Meeting Space. S. Payr and R. Trappl Eds., *Agent Culture: Human-Agent Interaction in a Multicultural World*, Lawrence Erlbaum Associates, pp. 245-266, 2004.
 28. Saeko Nomura and Toru Ishida. Computerized Tools for Promoting Community Online. *Encyclopedia of Community*. Sage Reference, 2003.
 29. Toru Ishida and Hideyuki Nakanishi. Designing Scenarios for Social Agents. Ning Zhong, Jiming Liu and Yiyu Yao Eds. *Web Intelligence*, pp. 59-76, Springer-Verlag, 2003.
 30. Hideyuki Nakanishi, Chikara Yoshida, Toshikazu Nishimura, and Toru Ishida. FreeWalk: Shared Virtual Space for Casual Meetings. Borko Furht Ed. *Handbook of Internet Computing*. CRC Press, pp. 227-247, 2000.
 31. Makoto Yokoo and Toru Ishida. Search Algorithms for Agents. Gerhard Weiss Ed. *Multiagent Systems: A Modern Approach to Distributed Artificial Intelligence*. MIT Press, pp. 165-199, 1999.
 32. Toru Ishida, Toyooki Nishida and Fumio Hattori. Overview of Community Computing. Toru Ishida Ed. *Community Computing: Collaboration over Global Information Networks*. John Wiley and Sons, pp. 1-11, 1998.
 33. Kazuhiro Kuwabara, Hirofumi Yamaki, Hiroshi Ishiguro and Toru Ishida. Agent Networks for Connecting People Together. Toru Ishida Ed. *Community Computing: Collaboration over Global*

Information Networks. John Wiley and Sons, pp. 13-53, 1998.

34. Hideyuki Nakanishi, Chikara Yoshida, Toshikazu Nishimura and Toru Ishida. FreeWalk: A Three-Dimensional Meeting-Place for Communities. Toru Ishida Ed. *Community Computing: Collaboration over Global Information Networks*. John Wiley and Sons, pp. 55-89, 1998.
35. Hirofumi Yamaki, Michael P. Wellman and Toru Ishida. Market-Based QoS Control for Incorporating Community Preferences. Toru Ishida Ed. *Community Computing: Collaboration over Global Information Networks*. John Wiley and Sons, pp. 91-125, 1998.
36. Yoshiyasu Nishibe, Ichiro Morihara, Fumio Hattori, Toshikazu Nishimura, Hirofumi Yamaki, Toru Ishida, Harumi Maeda and Toyoaki Nishida. Mobile Digital Assistants for International Conferences. Toru Ishida Ed. *Community Computing: Collaboration over Global Information Networks*. John Wiley and Sons, pp. 245-284, 1998.
37. Kazuhiro Kuwabara, Toru Ishida, Yoshiyasu Nishibe and Tatsuya Suda. An Equilibratory Market-Based Approach for Distributed Resource Allocation and its Applications to Communication Network Control. Scott H. Clearwater Ed. *Market-Based Control: A Paradigm for Distributed Resource Allocation*. World Scientific Publishing, 1996.

Proceedings

1. Yves Demazeau, Toru Ishida, Juan M. Corchado, Javier Bajo Eds. *Advances on Practical Applications of Agents and Multi-Agent Systems*, International Conference, PAAMS 2013, Salamanca, Spain, May 22-24, 2013. Springer 2013, ISBN 978-3-642-38072-3
2. Kozaburo Hachimura, Toru Ishida and Naoko Tosa Eds. ***Culture and Computing***. IEEE Press, 2011.10.
3. Toru Ishida Ed. ***Culture and Computing: Computing and Communication for Crosscultural Interaction***. Lecture Notes in Computer Science, 6259, Springer-Verlag, 2010.11.
4. Susan Fussell, Pamela Hinds and Toru Ishida Eds. ***Proceeding of the 2009 International Workshop on Intercultural collaboration***. The ACM Digital Library, 2009.02.20.
5. Toru Ishida, Susan R. Fussell and Piek TJM Vossen Eds. ***Intercultural Collaboration***, Lecture Notes in Computer Science, 4568, Springer-Verlag, 2007.
6. Toru Ishida, Les Gasser and Hideyuki Nakashima Eds. ***Massively Multi-Agent Systems I***. Lecture Notes in Artificial Intelligence, 3446, Springer-Verlag, 2005.
7. Maria Gini, Toru Ishida, Cristiano Castelfranchi, and W. Lewis Johnson Eds., *Proceedings of the First International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS-02)*, ACM Press, 2002.
8. Makoto Tanabe, Peter van den Besselaar and Toru Ishida Eds. *Digital Cities II: Computational and Sociological Approaches*. Lecture Notes in Computer Science, State-of-the-Art Survey, 2362, Springer-Verlag, 2002. ISBN 3540439633.

9. Jiming Liu, Pong C. Yuen, Chun-hung Li, Joseph Ng and Toru Ishida Eds. *Active Media Technology: Proceedings of the 6th International Computer Science Conference, Amt 2001, Hong Kong, China, December 18-20*. Lecture Notes in Computer Science, 2252, Springer-Verlag, 2001. ISBN: 3540430350.
10. Toru Ishida and Katherine Isbister Eds. *Digital Cities: Experiences, Technologies and Future Perspectives*. Lecture Notes in Computer Science, State-of-the-Art Survey, 1765, Springer-Verlag, 2000. ISBN 3540672656.
11. Toru Ishida Ed. *Multiagent Platforms: Proceedings of the First Pacific-Rim International Workshop on Multi-Agents, Prima-98 Singapore, November 23, 1998: Selected Papers*. Lecture Notes in Artificial Intelligence 1599, Springer-Verlag, 1999. ISBN 3540659676.
12. Toru Ishida Ed. *Community Computing and Support Systems*. Lecture Notes in Computer Science, State-of-the-Art Survey, 1519, Springer-Verlag, 1998. ISBN 3540654755.
13. Sven Koenig, Avrim Blum, Richard Korf, and Toru Ishida Eds. *Proceedings of the AAAI-97 Workshop on On-Line Search*. The AAAI Press, WS-97-10, 1997.

Journals

1. Mai Xuan Trang, Yohei Murakami and Toru Ishida. Policy-Aware Service Composition: Predicting Parallel Execution Performance of Composite Services. *IEEE Transactions on Services Computing*, 2017.
2. Toru Ishida, Tetsuo Sawaragi, Kumiyo Nakakoji and Takushi Sogo. Interdisciplinary Education for Design Innovation. *IEEE Computer*, Vol. 50, No. 5, pp. 44-52, 2017.
3. Kemas Muslim Lhaksmana, Yohei Murakami and Toru Ishida. Analysis of Large-Scale Service Network Tolerance to Cascading Failure. *IEEE Internet of Things Journal*, Volume: 3, Issue:6, pp.1159-1170, 2016.
4. Amit Pariyar, Yohei Murakami, Donghui Lin and Toru Ishida. Information Sharing Among Countries: A Perspective from Country-Specific Websites in Global Brands. *Journal of Information and Knowledge Management*, Vol. 15, No. 2, pp. 1-16, 2016.
5. Mairidan Wushouer, Donghui Lin, Toru Ishida, and Katsutoshi Hirayama. A Constraint Approach to Pivot-based Bilingual Dictionary Induction. *ACM Transactions on Asian and Low-Resource Language Information Processing*, Vol. 15, No. 1, Article 4, 2016.
6. Arif Bramantoro, Ahlem Ben Hassine, Shigeo Matsubara, Toru Ishida: Multilevel Analysis for Agent-Based Service Composition. *J. Web Eng.* Vol. 14, No. 1&2, pp. 63-79, 2015.
7. Amit Pariyar, Yohei Murakami, Donghui Lin, and Toru Ishida. Inconsistency Detection in Multilingual Knowledge Sharing. *Journal of Information and Knowledge Management*, Vol. 13, No. 3, 1450033, 15 pages, 2014.12.

8. Chunqi Shi, Toru Ishida, and Donghui Lin. Translation Agent: A New Metaphor for Machine Translation. *New Generation Computing*, Vol.32, No.5, pp.163-186, 2014.05.
9. Donghui Lin and Toru Ishida. Coordination of Local Process Views in Interorganizational Business Process. *IEICE Transactions on Information and Systems*, Vol.E97-D, No.5, pp.1119-1126, 2014.05.
10. Donghui Lin, Toru Ishida, Yohei Murakami and Masahiro Tanaka. QoS Analysis for Service Composition by Human and Web Services. *IEICE Transactions on Information and Systems*, Vol.E97-D, No.4, pp.762-769, 2014.04.
11. Hiromitsu Hattori, Yuu Nakajima and Toru Ishida. Learning from Humans: Agent Modeling with Individual Human Behaviors. *IEEE Transactions on Systems, Man, and Cybernetics*, Part A: Systems and Humans, Vol. 41, No. 1, pp. 1-9, 2011.01.
12. Tomoko Koda, Toru Ishida, Matthias Rehm and Elisabeth André. Avatar Culture: Cross-Cultural Evaluations of Avatar Facial Expressions. *AI & Society*, Vol.24, No.3, pp. 237-250, 2009.08.25.
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