

Curriculum Vitae

Personal Details

Name: Simon Miles

Contact Details

Work Address: Department of Informatics, King's College London, Strand,
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Employment

Current Position:

April 2007 to present
Lecturer
Department of Informatics, King's College London

Previous Positions:

March 2007 to April 2007
Research Associate, CONTRACT project (work package leader)
Department of Computer Science, King's College London

April 2004 to February 2007
Research Fellow, Provenance-Aware Service-Oriented Architectures project (lead researcher)
School of Electronics & Computer Science, University of Southampton

December 2001 to April 2004
Research Assistant, myGrid project
School of Electronics & Computer Science, University of Southampton

Higher Education Qualifications

PGCAP		King's College London	2009
PhD	Computer Science	University of Warwick	2003
BSc (Hons.)	Computer Science	University of Warwick	1998

Research

Research Proposals and Management Experience

I am a co-investigator on the Innovative Medicine Initiative (IMI)-funded project “Electronic Health Records for Clinical Research” (EHR4CR), 2011-2014.

- €3 million total funding

I was a co-investigator on the SEAS Defence Technology Centre (DTC)-funded project “Norm and Organisation Based Practical Reasoning”, 2009-2011.

- £249K total funding
- Co-supervising 2 researchers for that project
 - Christopher Haynes
 - Nir Oren
 - Samhar Mahmoud (PhD student, contributing to project)

I was a co-investigator and work package leader on the EU-funded “CONTRACT” project, 2007-2009.

- Co-supervising 5 researchers for that project:
 - Noura Faci
 - Martin Kollingbaum
 - Felipe Meneguzzi (PhD student, supervised in context of CONTRACT project)
 - Sanjay Modgil
 - Nir Oren

Research-Related Training

I have attended numerous events to improve my knowledge of project grant application procedures, funding body priorities, and other aspects of research.

- Training in how to talk to the media, June 2011, King’s College London
- EPSRC Future Leaders in ICT Workshop, February 2011, University of Warwick
- Attended talk on how to present research to the media by Mark Henderson (Science Editor of The Times) and Geoff Watts (former presenter of Leading Edge on Radio 4), King’s College London
- EPSRC Funding for Computer Science Research and Mock Panel, September 2007, King’s College London
- EPSRC Funding Tutorial, June 2007, King’s College London
- Presentation Skills, May 2002, University of Southampton

Professional and Community Service

Organising Committees

Organising Committee member for:

- Programme Chair for the Eighth European Workshop on Multi-Agent Systems (EUMAS’10), Paris, France, December 2010
- Sponsorship Chair for Ninth International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS’10), Toronto, Canada, May 2010
- Co-Chair for the Agent Technical Fora 2010, Paris, France, December 2010
- Publicity Chair for Eighth International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS’09), Budapest, Hungary, May 2009
- Co-Chair for Second Provenance Challenge Workshop, held as part of High Performance Distributed Computing (HPDC’07), Monterey, California, USA, June 2007
- Co-Chair for First Provenance Challenge Workshop, held as part of the Open Grid Forum (OGF’06), Washington D.C., USA, September 2006
- Organising Committee Member for First International Workshop on Multi-Agent Systems in Medicine and Biology Workshop (MAS*BIOMED’05), Utrecht, Netherlands, July 2005

Standardisation

Invited expert founding member of:

- W3C Working Group on Provenance, which aims to develop standards to aid exchange of provenance data on the web.
- W3C Provenance Incubator Group, providing expertise and helping to develop a roadmap in the area of provenance for semantic web technologies, possibly leading to future standardisation.
- eSI Mini-Theme on Provenance and Linked Open Data, based at the National e-Science Institute in Edinburgh and developing guidance for determining provenance in the context of linked data.

Journal Editing

Editor for:

- Applied AI special issue, with selected papers extended from EUMAS 2010, to be published March 2012.

Programme Committees

Programme Committee member for:

- Fourth International Provenance and Annotation Workshop (IPAW 2012), Santa Barbara, US, June 2012
- Eleventh International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2012), Valencia, Spain, June 2012
- Fourteenth International Workshop on Coordination, Organizations, Institutions, and Norms (COIN@AAMAS 2012), Valencia, Spain, June 2012
- Twenty-second International Joint Conference on Artificial Intelligence (IJCAI-11), Barcelona, Spain, July 2011
- Tenth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2011), Taipei, Taiwan, May 2011
- Ninth European Workshop on Multi-Agent Systems (EUMAS 2011), Maastricht, Netherlands, December 2011
- Ninth German Conference on Multi-Agent System Technologies (MATES 2011), Berlin, Germany, October 2011
- Thirteenth International Workshop on Coordination, Organizations, Institutions and Norms in Agent Systems (COIN@WI-IAT'11), Lyon, France, August 2011
- Twelfth International Workshop on Agent-Oriented Software Engineering (AOSE 2011), Taipei, Taiwan, May 2011
- International Workshop on Situation, Activity and Goal Awareness (SAGAware 2011), Beijing, China, September 2011
- Twelfth International Workshop on Coordination, Organizations, Institutions and Norms in Agent Systems (COIN@AAMAS'11), Taipei, Taiwan, May 2011
- Second International Colloquium on Data Provenance and Data Management for eScience (DPDM'11), Melbourne, Australia, March 2011
- Thirteenth International Conference on Principles and Practice of Multi-Agent Systems (PRIMA'10), Kolkata, India, November 2010
- Second International Workshop on Semantic Web and Provenance Management (SWPM'10), Shanghai, China, November 2010
- Third International Provenance and Annotation Workshop (IPAW'10), New York, USA, June 2010
- Eleventh International Workshop on Agent Oriented Software Engineering (AOSE'10), Toronto, Canada, May 2010
- Second International Conference on Agents and Artificial Intelligence (ICAART'10), Valencia, Spain, January 2010
- First International Workshop on Provenance in Linked Data (PROLiD'10), Harklion, Greece, May 2010
- Eighth International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS'09), Budapest, Hungary, May 2009

- Sixth European Semantic Web Conference 2009 (EWSW'09), Crete, Greece, June 2009
- Tenth International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'09), Burgos, Spain, September 2009
- Tenth International Workshop on Agent Oriented Software Engineering (AOSE'09), Budapest, Hungary, May 2009
- Tenth International Workshop on Engineering Societies in the Agents World (ESAW'09), Utrecht, Netherlands, November 2009
- First International Workshop of Data and Process Provenance (WDPP'09), Brisbane, Australia, April 2009
- Seventh International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2008), Estoril, Portugal, May 2008
- Fifth European Semantic Web Conference (ESWC'08), Tenerife, Spain, June 2008
- Ninth International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'08), Daejeon, Korea, December 2008
- Second International Provenance and Annotation Workshop (IPAW 2008), Salt Lake City, USA, June 2008
- Ninth International Workshop on Agent Oriented Software Engineering (AOSE'08), Estoril, Portugal, May, 2008
- Ninth International Workshop on Engineering Societies in the Agents World (ESAW'08), Saint-Etienne, France, September 2008
- First Symposium on Behaviour Regulation in Multi-Agent Systems (BRMAS'08), Aberdeen, UK, April 2008
- Thirteenth International European Conference on Parallel and Distributed Computing (Euro-Par'07), Rennes, France, August, 2007
- Eighth International Workshop on Agent Oriented Software Engineering (AOSE'07), Honolulu, Hawai'i, May, 2007
- Eighth International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'07), Birmingham, UK, December 2007
- Agents, Web-Services, and Ontologies – Integrated Methodologies (AWESOME'07), Durham, UK, September 2007
- Autonomous Intelligent Systems: Agents and Data Mining (AIS-ADM-07), St. Petersburg, Russia, June 2007
- Fifth International Semantic Web Conference (ISWC'06), Atlanta, US, November 2006
- Second Multi-Agent Systems in Medicine and Biology Workshop (MAS*BIOMED'06), Hakodate, Japan, May 2006
- International Symposium on Parallel and Distributed Processing and Application (ISPA'06) Sorrento, Italy, December 2006
- Seventh International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'06) Burgos, Spain, September 2006
- Sixth International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'05), Brisbane, Australia, July 2005
- First International Workshop on Scientific Applications on Grid Computing 2004 (SAG'04), IEEE/WIC/ACM International Joint Conference on Web Intelligence (WI 2004) and Intelligent Agent Technology (IAT 2004), Beijing, China, September 2004

Invited Talks

I have been invited to speak at the following forums.

- “Automatically Determining the Provenance of Data”, Department of Computer Science, University of Warwick, UK, January 2011
- “Contract-based Systems for Cross-Organisational Applications”, Department of Computer Science, Aston University, UK, November 2009
- “Provenance and Interoperability”, DReSNet workshop on Repositories and Biological/Medical Applications, University of Manchester, UK, July 2009

- “Provenance and Interoperability”, lifeWatch Semantic Data Integration workshop, University of Amsterdam, Netherlands, May 2009
- “Common provenance questions across e-science experiments”, Use Cases for Provenance workshop, University of Edinburgh, UK, April 2009
- “Contract-based Systems for Cross-Organisational Business Applications”, Department of Computer Science, University of Ulster, UK, November 2008

Challenges

I have developed and led the international Provenance Challenges:

- Exercises comparing and then integrating provenance technologies
- Over 20 teams from many international academic and industrial institutions
- Each challenge culminating in a workshop where results were discussed
- First challenge in 2005- 2006
- Second challenge in 2006-2007

Session Chairs

Session/discussion chair at:

- European Workshop on Multi-Agent Systems (EUMAS’09), Aiga Napa, Cyprus, December, 2009
- Tenth International Workshop on Agent Oriented Software Engineering (AOSE’09), Budapest, Hungary, May, 2009
- Ninth International Workshop on Agent Oriented Software Engineering (AOSE’08), Estoril, Portugal, May, 2008
- European Workshop on Multi-Agent Systems (EUMAS’07), Hammamet, Tunisia, December, 2007
- Eighth International Workshop on Agent Oriented Software Engineering (AOSE’07), Honolulu, Hawai’i, May 2007
- International Provenance and Annotation Workshop 2006 (IPAW’06), Chicago, USA in May 2006
- First International Workshop on Multi-Agent Systems in Medicine and Biology Workshop (MAS*BIOMED’05), Utrecht, Netherlands in July 2005
- Second European AcrossGrids Conference, Nicosia, Cyprus, January 2004
- Nineteenth Annual UK Performance Engineering Workshop, University of Warwick, UK, July 2003

Panels

Panel member at:

- Use Cases for Provenance panel, at conclusion of workshop on same topic, Edinburgh, April 2009
- Behaviour Regulation panel, as part of the AISB 2008 Symposium on Behaviour Regulation in Multi-agent Systems, Aberdeen, UK, April 2008
- Trust in Peer-to-Peer Systems panel, as part of Fourth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS’05), Utrecht, Netherlands, July 2005

Reviewing

Research proposal and/or research project report reviewing for:

- Engineering and Physical Sciences Research Council (EPSRC)
- Netherlands Organisation for Scientific Research (NWO)

Reviewer for journals:

- ACM Transactions on Autonomous and Adaptive Systems
- ACM Transactions on Intelligent Systems and Technology
- ACM Transactions on Internet Technology
- Briefings in Bioinformatics
- Concurrency and Computation: Practice and Experience
- Computing in Science and Engineering

- Data and Knowledge Engineering
- IEEE Intelligent Systems
- IEEE Internet Computing
- IEEE Transactions on Mobile Computing
- IEEE Transactions on Systems, Man and Cybernetics
- Journal of Applied Logic
- Journal of Autonomous Agents and Multi-Agent Systems
- Journal of Grid Computing
- Journal of Web Semantics
- Journal of Zhejiang University Science
- Knowledge Engineering Review

Reviewer for conferences, excluding those where I was a committee member, listed above:

- Fifth UK e-Science All Hands Meeting, Nottingham, UK, September 2006
- Second International Workshop on Provenance and Annotation (IPAW'06), Chicago, USA, May, 2006
- Twelfth International European Conference on Parallel and Distributed Computing (Euro-Par'06), Dresden, Germany, August, 2006
- ACM Symposium on Agents, Interactions, Mobility, and Systems (AIMS'06), Dijon, France, April, 2006
- Web Intelligence 2005, Compiègne, France, September, 2005
- Eleventh International European Conference on Parallel and Distributed Computing (Euro-Par'05), Lisbon, Portugal, 2005
- Semantic Infrastructure for Grid Computing Applications Workshop (SIGAW'05), Cardiff, UK, May, 2005
- International Parallel and Distributed Processing Symposium (IPDPS'05), Denver, Colorado, April, 2005
- IEEE International Conference on e-Technology, e-Conference and e-Service (EEE'05), Hong Kong, March 2005
- Fourth International Central and Eastern European Conference on Multi-Agent Systems (CEEMAS'05), Budapest, Hungary, September, 2005
- IEEE/WIC/ACM International Conference on Web Intelligence (WI'04), Beijing, China, September 2004
- Sixteenth European Conference on Artificial Intelligence (ECAI'04), Valencia, Spain, August 2004
- Second European Across Grids Conference (AxGrids'04), Nicosia, Cyprus, January 2004
- IEEE International Conference on Cluster Computing 2004, San Diego, California, September 2004
- First IEEE International Conference on Services Computing (SCC'04), Shanghai, China, September 2004
- IEEE/WIC International Conference on Web Intelligence (WI'03), 2003, Beijing, China, September 2004

Take-Up

Industrial organisations and projects have made use of my research:

- The National Grid Service has adopted service registry technology I co-developed as part of the myGrid project to make the services they host accessible to all UK researchers.
- I organised tutorials on work in the PASOA project for around 15 academic and industrial parties.
- Technology I co-developed as part of the PASOA and EU Provenance projects is being used by DLR German Aerospace.
- PASOA technology has been used in independent research projects: Pegasus, FTGrid, ChinaGrid.

Teaching

Qualifications and Innovation

Postgraduate Certificate in Academic Practice studied 2007-2009, awarded 2009.

As part of the latter, I analysed and applied methods for demonstrated depth of understanding, approachability, and effective formative assessment within my taught modules.

I have made use of e-learning technology in my taught courses, particularly on the Moodle platform, and including online quizzes for formative assessment.

Taught Courses

The Internet, 2007/2008 to present, King's College London

- 3rd year undergraduate and MSc students, around 120 per lecture
- 25 hours of lectures, 10 hours of tutorials
- Coursework and exam preparation and marking
- Inclusion of research material on Web Services, Semantic Web and the Grid

Introduction to Artificial Intelligence, 2010/2011 to present, King's College London

- 1st year undergraduate students, around 150 per lecture
- 22 hours of lectures, 11 hours of problem classes
- Setting essay on philosophy of AI topic, plus exam preparation and marking

Distributed Systems, 2007/2008 to 2009/2010, King's College London

- 3rd year undergraduate and MSc students, around 45 per lecture
- 20 hours of lectures, 10 hours of tutorials
- Coursework and exam preparation and marking

Advanced Topics on Web Services, Autumn 2005, University of Southampton

- MSc students, around 30 per lecture
- Occasional lecture support
- Chairing and grading student presentations

Programming for Computer Scientists, 1998/1999 - 2000/2001, University of Warwick

- 1st year undergraduate students, around 25 per seminar for 2 seminar groups per year
- 10 hours of seminar per group per year

Professional Skills, 1999/2000 - 2000/2001, University of Warwick

- 1st year undergraduate students, around 25 per seminar
- 10 hours of seminar per group per year

Project Supervision

Undergraduate final year project supervision, from 2003/4 at University of Southampton (1 student per year), from 2008/9 at King's College London (around 6 students per year).

MSc individual project supervision from 2007/8 at King's College London (around 6 students per year).

Lab Supervision

Software Engineering, Spring 2000, University of Warwick

- 2nd year undergraduates
- Consultation and guidance through group projects
- Two groups of around 5 students each

- Around 10 hours of consultation

UNIX for Computer Scientists, Autumn 1998-2001, University of Warwick

- 1st year undergraduates, around 100 per lab
- 20 hours of labs per year

Java Programming (for management students), Spring 2001, University of Warwick

- MBA students, around 30 per session
- Around 10 hours of labs

Teaching-Related Training

- Postgraduate Certificate of Academic Practice, 2007-2009, King's College London
- PhD Supervision for New Supervisors, October 2008, King's College London
- Being a Personal Tutor, November 2007, King's College London
- One-day Teacher Training course, October 1998, University of Warwick

Administration

Programme Board Chair

From the 2011/12 academic year, I am the chair of the undergraduate programme board. This role includes overseeing the process of exam paper preparation and marking within the Department, liaising with external examiners to ensure assessment preparation and marking quality, chairing programme boards to agree student marks, progression and graduation awards, ensuring external examiner comments are acted upon, preparing procedures to enact College regulations regarding assessment and graduation, representing the Department within the College with regard to graduation and progression decisions, and other connected activities.

Information Strategy Group

In the 2009/10 and 2010/11 academic years, I have been chair of the Information Strategy Group, a committee for promoting the Department of Informatics at King's College London. I was a member of the committee in 2008/9. In this role, I have undertaken the following activities for the Department.

- Established procedures for publishing news about research and teaching in the department on the web pages, and for regular update of the website with authoritative information
- Researched avenues for publicising the department's research and MSc courses on the web
- Compiled a handbook for academic staff members new to the department or who take on a new administrative role
- Helped to set up and promote a publicly accessible repository for publications.

Technology Enhanced Learning Forum

From 2010, I have been a member of the King's College London Technology Enhanced Learning Forum, developing and reviewing policy at the College level with regards to use of technology in support of learning.

Recruitment and Admissions

With regards to recruitment of students, I have performed the following tasks.

- Clearing duties, where I selected candidates for remaining places on Computer Science courses.
- School open day, promoting the School of Physical Sciences and Engineering, of which the Department of Computer Science at King's is part.
- Department post-offer open day sessions, talking to potential undergraduates to whom we had made offers.

Industrial Year Supervision

I have supervised students on extra-mural industrial placements since 2007/8 at King's College London (from 0 to 2 undergraduates each year, between the second and final years of their programme).

Personal Tutoring

I am currently personal tutor for undergraduate students at all stages (around 10 to 15 new students each year). This has included weekly group sessions for the first year students during the first terms since 2007/2008.

Peer Review

I have peer reviewed colleagues' teaching for the Department in November 2007 and May 2009. My own teaching was peer reviewed by education academics from King's Learning Institute in February 2008, March 2009 and April 2009, and by colleagues in January 2011.

Publications

Journal Articles

- * 1. S. Miles, P. Groth, S. Munroe and L. Moreau. PrIME: A Methodology for Developing Provenance-Aware Applications, *ACM Transactions on Software Engineering and Methodology* 20 (3), pp. 1-42, 2012.
- 2. C. Nguyen, A. Perini, P. Tonella, S. Miles, M. Luck, M. Harman. Evolutionary Testing of Autonomous Software Agents, *Journal of Autonomous Agents and Multi-Agent Systems*, 2012 (to appear).
- 3. M. Fagundes, S. Ossowski, M. Luck and S. Miles. Using Normative Markov Decision Processes for Evaluating Electronic Contracts: A Case Study in a Simulated Aerospace Aftermarket, *AI Communications*, 2012 (to appear).
- * 4. S. Miles. Mapping Attribution Metadata to the Open Provenance Model, *Future Generation Computer Systems* 27 (6), pp. 806–811, 2011.
- * 5. L. Moreau, B. Clifford, J. Freire, J. Futrelle, Y. Gil, P. Groth, N. Kwasnikowska, S. Miles, P. Missier, J. Myers, Y. Simmhan, E. Stephan, and J. V. den Bussche. The Open Provenance Model Core Specification (v1.1), *Future Generation Computer Systems* 27 (6), pp. 743-756, 2011.
- 6. M. Croitoru, N. Oren, S. Miles, and M. Luck. Graphical Norms via Conceptual Graphs, *Knowledge Based Systems*, 2011 (to appear).
- * 7. P. Groth, S. Miles, L. Moreau. A Model of Process Documentation to Determine Provenance in Mash-ups, *ACM Transactions on Internet Technology* 9(1), pp. 1-31, February 2009.
- * 8. S. Miles, P. Groth, E. Deelman, K. Vahi, G. Mehta and L. Moreau. Provenance: The Bridge Between Experiments and Data, *Computing in Science and Engineering* 10(3), pp. 38-46, May/June 2008.
- 9. L. Moreau, P. Groth, S. Miles, J. Vazquez, J. Ibbotson, S. Jiang, S. Munroe, O. Rana, A. Schreiber, V. Tan and L. Varga. The Provenance of Electronic Data, *Communications of the ACM* 51(4), pp. 52-58, April 2008.
- * 10. S. Miles, P. Groth, S. Munroe, S. Jiang, T. Assandri, and L. Moreau. Extracting Causal Graphs from an Open Provenance Data Model. *Concurrency and Computation: Practice and Experience* 20(5), pp. 577-586, April 2008.
- 11. L. Moreau and 49 other authors. The First Provenance Challenge. *Concurrency and Computation: Practice and Experience* 20(5), pp. 409-418, April 2008.
- * 12. S. Miles, P. Groth, M. Branco and L. Moreau. The Requirements of Using Provenance in e-Science Experiments, *Journal of Grid Computing* 5(1), pp. 1-25, 2007.
- * 13. S. Miles, S. Wong, W. Fang, P. Groth, K. Zauner and L. Moreau. Provenance-based Validation of E-Science Experiments, *Journal of Web Semantics* 5(1), pp. 28-38, 2007.
- * 14. S. Miles, Agent-Oriented Data Curation in Bioinformatics, *International Transactions on Systems Science and Applications* 1(1), pp. 43-50, 2006.
- 15. T. Kifor, L. Z. Varga, J. Vázquez-Salceda, S. Álvarez, S. Willmott, S. Miles and L. Moreau. Provenance in Agent-mediated Healthcare Systems. *IEEE Intelligent Systems* 21(6), November, pp. 38-46, 2006.
- 16. C. Wroe, C. Goble, A. Goderis, P. Lord, S. Miles, J. Papay, P. Alper and L. Moreau. Recycling workflows and services through discovery and reuse, *Concurrency and Computation: Practice and Experience* 19(2), pp. 181-194, 2006.

17. S. C. Wong, V. Tan, W. Fang, S. Miles and L. Moreau. Grimoires: Grid Registry with Metadata Oriented Interface: Robustness, Efficiency, Security (part of article: Cluster Computing and Grid 2005 Works in Progress), *IEEE Distributed Systems Online* 6(10), 2006, pp. 6-8. Online publication at <http://dsonline.computer.org/>.

18. W. Fang, S. C. Wong, V. Tan, S. Miles and L. Moreau. Performance Analysis of a Semantics Enabled Service Registry, *Concurrency and Computation: Practice and Experience* 20(3), pp. 207-223, 2005.

* 19. S. Miles, J. Papay, T. Payne, M. Luck and L. Moreau. Towards a Protocol for the Attachment of Metadata to Service Descriptions and its Use in Semantic Discovery, *Scientific Programming* 12(4), pp. 201-211, 2004.

20. C. Wroe, C. Goble, M. Greenwood, P. Lord, S. Miles, J. Papay, T. Payne and L. Moreau. Automating Experiments Using Semantic Data on a Bioinformatics Grid, *IEEE Intelligent Systems* 19(1), pp. 48-55, 2004.

* 21. S. Miles, J. Papay, V. Dialani, M. Luck, K. Decker, T. Payne and L. Moreau. Personalised Grid Service Discovery, *IEE Proceedings Software* 150(4), pp. 252-256, 2003.

Conference Papers

22. I. Nunes, M. Luck, S. Miles, C. Lucena. User-centric Preference-based Decision Making (short paper), *Proceedings of the Eleventh International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2012)*, Valencia, Spain, June 2012, to appear.

23. B. Herd, S. Miles, P. McBurney and M. Luck. Reachability analysis for agent-based simulations, *Proceedings of the First International workshop on Verification and Validation of multi-agent models for complex systems (V2CS 2011)*, Paris, France, November 2011, to appear.

24. L. Barakat, S. Miles, I. Poernomo and M. Luck. Efficient Multi-Granularity Service Composition. *Proceedings of the 9th International Conference on Web Services (ICWS 2011)*, Washington DC, US, July 2011, to appear.

25. G. Tyson, A. Taweel, S. Miles, M. Luck, T. Van Staa and B. Delaney. An Agent-Based Approach to Real-Time Patient Identification for Clinical Trials. *Proceedings of the 4th ICST International Conference on eHealth (eHealth 2011)*, Málaga, Spain, November 2011, to appear.

26. I. Nunes, M. Luck, S. Barbosa, S. Miles and C. J. P. Lucena. Dynamically Adapting BDI Agents based on High-level User Specifications, in Francien Deschesne, Hiromitsu Hattori, Adriaan ter Mors, Jose Miguel Such, Danny Weyns and Frank Dignum (eds.), *Advanced Agent Technology*; proceedings of workshops at AAMAS 2011, Tapei, Taiwan, May 2011, p. 139-163, published by Springer.

* 27. S. Miles. Automatically Adapting Source Code to Document Provenance. *Proceedings of the 3rd International Provenance and Annotation Workshop (IPAW 2010)*, Troy, US, June 2010, pp. 102-110, published by Springer.

28. M. Luck, L. Barakat, J. Keppens S. Mahmoud, S. Miles, N. Oren, M. Shaw, A. Taweel. Flexible Behaviour Regulation in Agent Based Systems. *Proceedings of the Second International Workshop on Collaborative Agents -- REsearch and Development (CARE 2010)*, Toronto, Canada, August 2010, pp. 99-113, published by Springer.

29. M. Croitoru, N. Oren, S. Miles, and M. Luck. Graph-based Norm Explanation. *Proceedings of the 13th SGAI International Conference on Artificial Intelligence*, Cambridge, UK, December 2010, pp. 35-48, published by Springer.

30. N. Oren, S. Miles, and M. Luck. A Model of Normative Power. *Proceedings of the 9th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2010)*, Toronto, Canada, May 2010, published online by IFAAMAS.
31. M. Gatti, S. Miles, M. Luck, N. Oren, and C. Lucena. A Simulation Approach to Designing Contracts. *Proceedings of the 9th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2010) – Short Paper*, Toronto, Canada, May 2010, published online at <http://www.aamas-conference.org/Proceedings/aamas2010/>.
32. M. Croitoru, N. Oren, S. Miles, and M. Luck. Graphically Explaining Norms. *Proceedings of the 9th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2010) – Short Paper*, Toronto, Canada, May 2010, published online by IFAAMAS at <http://www.aamas-conference.org/Proceedings/aamas2010/>.
33. P. Groth, S. Miles, S. Modgil, N. Oren, M. Luck, and Y. Gil. Determining the Trustworthiness of New Electronic Contracts. *Proceedings of the 10th International Workshop on Engineering Societies in the Agents' World (ESAW 2009)*, Utrecht, Netherlands, November 2009, pp. 132-147, published by Springer.
34. F. Meneguzzi, S. Modgil, N. Oren, S. Miles, M. Luck, N. Faci, C. Holt, and M. Smith. Monitoring and Explanation of Contract Execution: A Case Study in the Aerospace Domain. *Proceedings of the 8th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2009): Industry Track*, Budapest, Hungary, May 2009, pp. 77-84, published by IFAAMAS.
35. C. Nguyen, S. Miles, A. Perini, P. Tonella, M. Harman, M. Luck. Evolutionary Testing of Autonomous Software Agents. *Proceedings of the 8th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2009)*, Budapest, Hungary, May 2009, pp. 521-528, published by IFAAMAS.
36. S. Modgil, N. Faci, F. Meneguzzi, N. Oren, S. Miles, M. Luck. A Framework for Monitoring Agent-Based Normative Systems. *Proceedings of the 8th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2009)*, Budapest, Hungary, May 2009, pp. 153-160, published by IFAAMAS.
37. F. Meneguzzi, S. Modgil, N. Oren, S. Miles, M. Luck, C. Holt, and M. Smith. A contract-based system for aerospace aftercare. *Proceedings of the 1st International Conference on Digital Business (DigiBiz 2009)*, London, UK, May 2009.
- * 38. S. Miles, P. Groth, M. Luck. Handling Mitigating Circumstances for Electronic Contracts. *Proceedings of the AISB 2008 Symposium on Behaviour Regulation in Multi-agent Systems*, Aberdeen, UK, April, 2008, pp. 37-42, published by The Society for the Study of Artificial Intelligence and Simulation of Behaviour.
- * 39. S. Miles, N. Oren, M. Luck, S. Modgil, N. Faci, C. Holt, G. Vickers. Modelling and Administration of Contract-Based Systems. *Proceedings of the AISB 2008 Symposium on Behaviour Regulation in Multi-agent Systems*, Aberdeen, UK, April, 2008, pp. 19-24, published by The Society for the Study of Artificial Intelligence and Simulation of Behaviour.
40. F. Meneguzzi, S. Miles, C. Holt, M. Luck, N. Oren, N. Faci, M. Kollingbaum. Electronic contracting in aircraft aftercare: A case study. *Proceedings of the 7th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2008): Industry Track*, Estoril, Portugal, 2008, pp. 63-70, published by IFAAMAS.
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