

Curriculum Vitae



Personal Details

Surname / First Name	Dell'Acqua, Pierangelo
Date of birth	September 30th, 1963
Nationality	Italian, Swedish
Address	Dagsbergsvägen 134, 603 51 Norrköping, Sweden
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Website	www.itn.liu.se/~piede

Education

1999	Postdoctoral position, Dept. of Computer Science, New University of Lisbon
1998	<i>Reflection Principles in Computational Logic</i> PhD Thesis No 30/98, Dept. of Computing Science, Uppsala University, Uppsala, Sweden
1995	<i>SLD-Resolution with Reflection.</i> PhL Thesis No 20/95, Dept. of Computing Science, Uppsala University, Uppsala, Sweden
1989	<i>Development of an Interpreter for a Metalogic Programming Language.</i> M.Sc. in Computer Science at the Dept. of Computer Science, Univ. degli Studi di Milano, Italy (in Italian). Grade: 110/110 <i>Laurea Magna cum Laude</i>

Current Position

Sep 1999 - present	Senior Lecturer (universitetslektor) at the Dept. of Science and Technology (ITN), Linköping University, Sweden
Sep 2001 - present	Associate member of the Artificial Intelligence Centre (CENTRIA) Universidade Nova de Lisboa, Lisbon, Portugal http://centria.di.fct.unl.pt

Academic Qualification

Apr 2005	Awarded title of Associate Professor (Docent) at Linköping University
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Commissions of Trust

2012 - present	Member (ersättare) of the Department Board (Institutionsstyrelse), ITN
2006 - 2008	Ordinary member of the Department Board (Institutionsstyrelse), ITN
2006 - present	Ordinary member of the Steering Committee of MIT/ITN
Jan 2006 - present	Director of graduate studies at MIT/ITN
Jan 2006 - present	Member of ITN Forskarutbildningsrådet (FoU-rådet)
Dec 2001 - Dec 2002	Ordinary member of Department Board (Institutionsstyrelse), ITN

Previous Position

Oct 1998 - Aug 1999	Postdoctoral fellow, Dept. of Computer Science, New University of Lisbon, Portugal
1994 - Sep 1998	PhD student, Dept. of Computing Science, Uppsala University
1992 - 1994	Guest researcher, Dept. of Computing Science, Uppsala University
1989 - 1992	Research engineer, Artificial Intelligence Lab, Dept. of Computer Science, University of Milano

Undergraduate Education

Course responsible (both for undergraduate and graduate education) for a variety of courses in the field of computer science, in particular programming languages, database technology, information security, artificial intelligence, mathematical logic, and knowledge representation and reasoning.

Course responsible (examinator) for 53 courses for Media Technology (MT), Electronic Design (ED) and Communication and Transport System (KTS) engineering programs. See Annex A1.

Main supervisor/examiner of 36 Media Technology engineering students at Linköping University.

Acted several times as exchange teacher within Socrates/Erasmus

- L'Aquila University
- New University of Lisbon

Participated to the Sommarmatchen initiative supported by InnovationsKontorEtt in the years: 2012, 2013 and 2014. This initiative financially supports LiU undergraduate students during the summer to develop research projects.

Participated in the organization of the LiU Game Awards in the years 2012 and 2013.

PhD Students Supervision

2007-2012	Principal advisor (Huvudhandledare) of the doctoral candidate Anja Johansson PhD thesis title: <i>Affective Decision Making in Artificial Intelligence – Making Virtual Characters With High Believability</i> PhD Thesis defended: Nov 9th, 2012
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Research Contribution

Research Interests	Artificial Intelligence, Computational Logic, Logic Programming.
Publications	Author of more than 50 scientific papers in peer-reviewed journals and international conferences. See Annex A2.
H-index	12 (Google Scholar)
i10-index	19 (Google Scholar)

Research Projects

2014	Behavior ExTraction (BeXT) Project leader: P. Dell'Acqua Co-worker: PhD. Scott Fowler, KTS/ITN
2014	An Integrated System for Behavior and Heart Monitoring for Cardiac Patients Project leader: P. Dell'Acqua Co-workers: - PhD. Adriana Serban, ITN - Prof. Tiny Jaarsma, ISV
2014	Development of a Microwave Multi-port Sensor for Heartbeat Detection and its Integration into a Human Behavior Monitoring System Project leader: P. Dell'Acqua Co-worker: Adriana Serban (PhD), ITN
2014	Utveckling av interaktiva applikationer för egenvårdsutbildning av kirurgiska patienter FORSS-425201 (Startbidrag 2014) Project leader: Prof. Tiny Jaarsma, ISV
2012 - present	EMotions, Ethics and Morality (EMEM) Project leader: P. Dell'Acqua
2012	Behavior analysis in elderly HF patients Linköping Initiative in Life Science Technologies (LIST-2012) Project leader: P. Dell'Acqua
2011 - 2013	Human Activity REcognition and Monitoring (HAREM) Project leader: P. Dell'Acqua Co-worker: Ali Samini (PhD student), ITN http://harem.itn.liu.se
2010 - 2011	Personalized EnTitieS (PETS) Interactive installation exhibited at the Vizualization Centre in Norrköping, 2011 Project leader: P. Dell'Acqua http://aicglab.itn.liu.se/projects.php
2007 - present	Cognitive Models for Virtual Characters (CMVC) Project leader: P. Dell'Acqua
2007	Established AICG Lab at MIT/ITN Artificial Intelligence and Computer Graphics Lab http://aicglab.itn.liu.se

- 2002 Organisational Reflection in Multi-Agent Systems
Stiftelsen Lars Hiertas Minne, Sweden
Project leader: P. Dell'Acqua
- 2000-2003 FleXible Logical Updates (FLUX)
POCTI project number 40958, Portugal
Project leader: prof. L. M. Pereira
<http://centria.fct.unl.pt/lmp/documents/flux.html>
- 1997-2000 Mental Agents Architecture in Logic (MENTAL)
PRAXIS project number 2/2.1/TIT/1593/95, JNICT/Portugal
Project leader: prof. L. M. Pereira
<http://centria.di.fct.unl.pt/ica/mental>

National Collaborations

- Prof. Tiny Jaarsma, Department of Social and Welfare Studies (ISV), LiU
- Scott Fowler (PhD), Department of Science and Technology (ITN), LiU

International Collaborations

- Brynja Ingadottir (PhD student), Landspítali National University Hospital, Reykjavik, Iceland
- Prof. Stefania Costantini, L'Aquila University, Italy
Regarding the design and development of metaprogramming languages
- Prof. Luis Moniz Pereira, New University of Lisbon
Regarding the design and development of logic-based agents
- Francesca Toni, PhD, University Lecturer, Imperial College, London
Regarding the development of multi-agent systems
- Marco Alberti, PhD, Bologna University
Regarding issues of run-time verification

Major Invited Presentations

- Dagstuhl Seminar 04271, Preferences: Specification, Inference, Applications. June 2004
- Dept. of Computer Science, Univ. degli Studi di L'Aquila (Italy), June 2003
- Max-Planck-Institute für Informatik, Saarbrücken (Germany), October 1998
- Dept. of Computing, Imperial College of Science, Technology and Medicine, University of London (UK), January 1998
- Dept. of Mathematics, University of Warsaw (Poland), June 1996
- Dept. of Mathematics, University of Bialystok (Poland), June 1996
- Dept. of Mathematics, University of Bialystok (Poland), June 1996
- Research centre IASI-CNR, Rome (Italy), June 1995

Educational Management Work

Jan 2006 - present

Förskartutbildning director at the division of Media and Information Technology (MIT) at ITN

Responsible for doctoral studies at MIT, in particular for:

- the organization of PhD courses
- the PhD students annual review meeting (uppföljningsamtal för doktorander)
- the organization of post-doctoral seminar series

Acted as co-organizer of the ITN PhD students conference for the years, 2012, 2013, 2014, 2015 and 2016.

Developed a new innovative focus areas (inriktning); Intelligent Visualization

- based on the undergraduate courses (i) Artificial Intelligence, Theory and Practice and the course (ii) Artificial Intelligence for Interactive Media

Teacher Training

Fall 2004

Universitetspedagogik, Steg 3a

- Forskarhandledning Centrum för undervisning och lärande (CUL)

Development of Teaching Materials

Produced course material including lectures slides, lecture notes and laboratory work for the courses:

- Artificial Intelligence, Principles and Techniques
- Network programming and security
- Computer Models of Cognitive Processes
- Database Technology
- Information Technology
- Artificial Intelligence for Interactive Media
- Knowledge representation and reasoning

Other Pedagogic Merits

Given invited research presentations, and several talks to international conferences

Acted as project manager in several projects involving:

- academic staff
- doctoral students
- research engineers
- undergraduate students

Popular Scientific Production

- Apr 2013 Innovationsmässan in Linköping (2013-04-03)
- Display (utställning) of the Harem prototype
- 2014 East Sweden Health Innovations 2014-2024
- Display and oral presentation
- Oct 2011 Medicinteknikdagerna in Linköping 11-12 Oct 2011
- Display of the Harem prototype
- Fall 2011 Vizualization Centre in Norrköping
- Exhibition of the Interactive Installation of the PETS project for several months

External contacts and external activities

Hälsans Nya Verktyg (HNV), Linköping
- Michael Peolsson (project leader)

InnovationsKontorEtt, Linköping
- Tomas Ahlström
- Karin Ackerholm
- Åsa Wallin

Other Relevant Skills

- 2014 Artistic skills: painting
Art exhibition
2014 Sarmato Art - Piacenza, Italy
- 2011 - present ITN resursperson
Utbildad i Första Hjälp och Hjärt-lungräddning (2012)
HLR-utbildning (2015)

Annexes

- A1 Graduate and Undergraduate Courses
- A2 Peer-Reviewed Publications
- A3 H-index (Google Scholar)

A1. Courses

Course responsible, Linköping University

53. Artificial Intelligence - Principles and Techniques (TNM096) VT2 2016
52. IT - g.k. VT2 2016
51. Artificial Intelligence for Interactive Media (TNM095) HT1 2015
50. Network programming and security (TNM031) HT1 2015
49. Artificial Intelligence - Principles and Techniques (TNM096) VT2 2015
48. IT - g.k. VT2 2015
47. Network programming and security (TNM031) HT1 2014
46. Artificial Intelligence for Interactive Media (TNM095) HT1 2014
45. Information Technology (TNSL04) VT2 2014
44. Network programming and security (TNM031) HT1 2013
43. Information Technology (TNSL04) VT2 2013
42. Computer Models of Cognitive Processes (TNM066) VT2 2013
41. Database Technology, TNM055, HT1-2 2012
40. Network programming and security, TNM031, HT1 2012
39. Information Technology, TNSL04, VT2 2012
38. Database Technology, TNM055, HT1-2 2011
37. Network programming and security, TNM031, HT1 2011
36. Information Technology, TNSL04, VT2 2011
35. Database Technology, TNM055, HT1-2 2010
34. Network programming and security, TNM031 HT1 2010
33. Information Technology, TNSL04 VT1-2 2010
32. Database Technology, TNM055, HT1-2 2009
31. Network Programming and Security, TNM031, HT1 2009
30. Database Technology, TNM055, HT1-2, 2008
29. Network Programming and Security, TNM031, HT1, 2008
28. Database Technology, TNIU11, VT1-2 2008
27. Introduction to First Order Logic, PhD course, HT2 2007
26. Network Programming and Security, TNM031, HT1 2007
25. Database Technology, TNM018 (part 2), VT1 2007
24. Database Technology, TNIU11, VT1-2 2007
23. Introduction to First Order Logic, PhD course, HT2 2006
22. Network Programming and Security, TNM031, HT1 2006
21. Database Technology, TNM018 (2 part), HT1 2006
20. Network Programming and Security, TNM031, 2005
19. Database Technology, TNM018 (2 part) 2005
18. Programming in Java, TNMK01, 2004
17. Database Technology, TNMK11, 2004
16. Database Technology, TNM017, 2003
15. Database Technology, TNM018, 2003

14. Programming in Java, TNMK01, 2003
13. A graduate introduction to C++, PhD course, 2002
12. Programvaruteknik, TNG005, 2002
11. Programming in Java, TNMK01, 2002
10. Programvaruteknik, TNG005, 2001
9. Programming in Java, TNMK01, 2001
8. Programvaruteknik, TNG005, 2000
7. Programmering i Java, NMK01, 2000
6. Programming in Java, TNMK01, 1999

Course responsible, Uppsala University

5. Object-Oriented Programming, PSV1, 1999
4. Database systems, PSV2, 1998
3. Knowledge representation and reasoning, DV1, 1996
2. Artificial Intelligence II, DV2, 1995
1. Artificial Intelligence II, DV2, 1994

Teaching assistant, Uppsala University

- Database Systems, PSV2, 1998
- Semantics of Programming Languages, 1997
- Algorithms and Data Structures, 1997

A2. Publications

Journal papers and book chapters

12. L. M. Pereira, P. Dell'Acqua, A. M. Pinto, and G. Lopes.
Inspecting and preferring abductive models.
The Handbook on Reasoning-Based Intelligent Systems, 10:243–274, 2012
11. A. Johansson and P. Dell'Acqua.
Pathfinding with emotion maps.
In Dimitri Plemenos and Georgios Miaoulis, editors, *Intelligent Computer Graphics 2011*, volume 374 of *Studies in Computational Intelligence*, pages 139–155. Springer Berlin Heidelberg, 2012
10. P. Lankonski, A. Johansson, B. Karlsson, S. Björk, and P. Dell'Acqua.
AI Design for Believable Characters via Gameplay Design Patterns.
Cruz-Cunha, M. M. and Carvalho, V. H. and Tavares, P. (Eds.). Business, Technological and Social Dimensions of Computer Games: Multidisciplinary Developments. IGI Global, 2011
9. M. Alberti, P. Dell'Acqua, and L. M. Pereira.
Observation strategies for event detection with incidence on runtime verification: theory, algorithms, experimentation.
Annals of Mathematics and Artificial Intelligence, 62(3-4):161–186, July 2011
8. A. Johansson and P. Dell'Acqua.
Affective States in Behavior Networks.
D. Plemenos (Ed.). Intelligent Computer Graphics, Book series: Studies in Computational Intelligence, Vol. 240, pp.19-39, Springer, 2007
7. L. M. Pereira, P. Dell'Acqua, and G. Lopes.
Prospective Updating of Theories with Preferences.
O. Pombo and A. Gerner (Eds.). Coleção Documenta, Centro de Filosofia das Ciências da Universidade de Lisboa. Publidisa, pp. 65-96, Lisbon, 2007
6. P. Dell'Acqua and L. M. Pereira.
Preferential theory revision.
Journal of Applied Logic, 5(4):586–601, December 2007
5. P. Dell'Acqua and L. M. Pereira.
Common-Sense Reasoning as Proto-Scientific Agent Activity.
J. of Applied Logic, 2(4):385–407, 2004
4. P. Dell'Acqua, U. Nilsson, and L. M. Pereira.
A logic based asynchronous multi-agent system.
Computational Logic in Multi-Agent Systems (CLIMA02). Electronic Notes in Theoretical Computer Science (ENTCS), Vol. 70, Issue 5, 2002
3. J. Barklund, S. Costantini, P. Dell'Acqua, and G. A. Lanzarone.
Reflection Principles in Computational Logic.
J. Logic and Computation, 10(6):743–786, 2000
2. J. Barklund, S. Costantini, P. Dell'Acqua, and G. A. Lanzarone.
Metareasoning agents for query-answering systems.
In T. Andreassen, H. Christiansen, and H. Legind Larsen, editors, *Flexible Query-Answering Systems*, pages 103–122. Kluwer Academic Publishers, Boston, Mass., 1997
1. J. Barklund, K. Boberg, P. Dell'Acqua, and M. Veanes.
Meta-programming with theory systems.
In K. Apt and F. Turini, editors, *Meta-logics and Logic Programming*, pages 195–226. MIT Press, Cambridge, Mass., 1995

Conference papers

42. P. Dell'Acqua, L. V. Klompstra, T. Jaarsma, and A. Samini.
An assistive tool for monitoring physical activities in older adults.
In *IEEE 2nd Int. Conf. on Serious Games and Applications for Health*, 2013
41. A. Johansson and P. Dell'Acqua.
Emotional behavior trees.
In *Computational Intelligence and Games (CIG), 2012 IEEE Conference*, pages 355–362, 2012
40. A. Johansson and P. Dell'Acqua.
Comparing behavior trees and emotional behavior networks for npcs.
2012 17th International Conference on Computer Games (CGAMES), 0:253–260, 2012
39. S. Costantini, P. Dell'Acqua, L. M. Pereira, and F. Toni.
Meta-axioms and complex preferences in evolving logical agents.
Proc. of 15th Portuguese Conference on Artificial Intelligence, 2011
38. S. Costantini, P. Dell'Acqua, and L. M. Pereira.
Conditional learning of rules and plans by knowledge exchange in logical agents.
In Nick Bassiliades, Guido Governatori, and Adrian Paschke, editors, *RuleML Europe*, volume 6826 of *Lecture Notes in Computer Science*, pages 250–265. Springer, 2011
37. A. Johansson and P. Dell'Acqua.
Knowledge-based probability maps for covert pathfinding.
In *Proceedings of the Third international conference on Motion in games*, MIG'10, pages 339–350, Berlin, Heidelberg, 2010. Springer-Verlag
36. A. Johansson and P. Dell'Acqua.
Introducing time in emotional behavior networks.
In *IEEE Symposium on Computational Intelligence and Games (CIG)*, pages 297–304, aug. 2010
35. S. Costantini, P. Dell'Acqua, L. M. Pereira, and F. Toni.
Learning and evolving agents in user monitoring and training.
In *Proc. of the AICA 2010 Italian Conference, L'Aquila, 2010*, 2010
34. S. Costantini, P. Dell'Acqua, L. M. Pereira, and A. Tocchio.
Ensuring agent properties under arbitrary sequences of incoming events.
In *Proc. of 17th RCRA Intl. Worksh. on Experimental evaluation of algorithms for solving problems with combinatorial explosion, Bologna, 2010 (CEUR Workshop Proceedings Vol 616)*, 2010
33. S. Costantini, P. Dell'acqua, L. M. Pereira, and P. Tsintza.
Runtime verification of agent properties.
In S. Abreu and D. Seipel, editors, *Procs. 18th Intl. Conf. on Applications of Declarative Programming and Knowledge Management (INAP09)*, pages 257–271, 2009
32. L. M. Pereira, P. Dell'Acqua, and Gonçalo L.
On preferring and inspecting abductive models.
In A. Gill and T. Swift, editors, *Proc. 11th Int. Symp. on Practical Aspects of Declarative Languages (PADL09)*, LNCS 5418, pages 1–15. Springer-Verlag, 2009
31. S. Costantini, P. Dell'Acqua, L. M. Pereira, and P. Tsintza.
Specification and dynamic verification of agent properties.
In M. Fischer, F. Sadri, and M. Thielscher, editors, *9th Intl. Ws. on Computational Logic in Multi-Agent Systems (CLIMA)*, 2008
30. S. Costantini, P. Dell'Acqua, and L. M. Pereira.
A multi-layer framework for evolving and learning agents.
In Cox. M. T. and A. Raya, editors, *Procs. Metareasoning: Thinking about thinking workshop at AAI 2008*, pages 121–128, 2008

29. A. Johansson and P. Dell'Acqua.
Realistic virtual characters in treatments for social disorders an extensive agent architecture.
In A. Hast, editor, *The Annual SIGRAD conference, special theme: Computer Graphics in Healthcare*, pages 46–52, 2007
28. L. M. Pereira, G. Lopes, and P. Dell'Acqua.
Pre and post preferences over abductive models.
In J. Delgrande and W. Kielling, editors, *Multidisciplinary Workshop on Advances in Preference Handling (M-Pref'07) at 33rd Intl. Conf. on Very Large Data Bases (VLDB'07)*. VLDB, 2007
27. S. Costantini, P. Dell'Acqua, L. M. Pereira, and F. Toni.
Towards a model of evolving agents for ambient intelligence.
In *Procs. Symposium on Artificial Societies for Ambient Intelligence (ASAmI'07)*. In F. Sadri and K. Stathis (eds.). AISB Convention, Newcastle, UK, April 3, 2007
26. S. Costantini, P. Dell'Acqua, and A. Tocchio.
Expressing preferences declaratively in logic-based agent languages.
In *8th Int. Symposium on Logical Formalizations of Commonsense Reasoning (Commonsense 2007)*. Special event in honor of John McCarthy. AAAI Spring Symposium Series, Stanford University, CA, USA, March 26-28, 2007. Also published at: *Dagli Oggetti agli Agenti: Sistemi Intelligenti e Computazione Pervasiva*. Proc. of WOA06CEUR Workshop, ISSN 1613-0073, Catania, 2006
25. P. Dell'Acqua, A. Lombardi, and L. M. Pereira.
A logic-based approach to model supervisory control systems.
In F. Esposito, Z. W. Raś, D. Malerba, and G. Semeraro, editors, *Foundation of Intelligent Systems. 16th Int. Symposium, ISMIS 2006*, LNAI 4203, pages 534–539, Berlin, 2006. Springer
24. P. Dell'Acqua, A. Lombardi, and L. M. Pereira.
Modelling Adaptive Controllers with Evolving Logic Programming.
In J. A. Cetto, J.-L. Ferrier, J. D. Pereira, and J. Filipe, editors, *3rd Int. Conf. on Informatics in Control, Automation and Robotics (Icinco06)*. *Procs. Intelligent Control Systems and Optimization Vol.1*, pages 107–112. INSTICC Press. ISBN 972-8865-59-7, 2006
23. P. Dell'Acqua and L. M. Pereira.
Preference Revision via Declarative Debugging.
In C. Bento, A. Cardoso, and G. Dias, editors, *Progress in Artificial Intelligence, Procs. 12th Portuguese Intl. Conf. on Artificial Intelligence (EPIA'05)*, LNAI 3808, pages 29–42. Springer-Verlag, 2005
22. P. Dell'Acqua and L. M. Pereira.
Preferential theory revision.
4th Int. Work. on Computational Models of Scientific Reasoning and Applications (CMSRA 2005). Available at: <http://centria.di.fct.unl.pt/~greg/conf/CMSRA-IV.html>, 2005
21. P. Dell'Acqua, A. Lombardi, and L. M. Pereira.
Modelling Hybrid Control Systems with Behaviour Networks.
In J. Filipe, J.-L. Ferrier, and J. A. Cetto, editors, *2nd Int. Conf. on Informatics in Control, Automation and Robotics (Icinco05)*. *Procs. Intelligent Control Systems and Optimization Vol.1*, pages 98–105. INSTICC Press. ISBN:972-8865-29-5, 2005
20. P. Dell'Acqua.
Weighted Multi Dimensional Logic Programming.
4th Int. Workshop on Computational Logic in Multi-Agent Systems (Clima IV). Jürgen Dix and J. A. Leite (eds.). Fort Lauderdale, FL, USA - January 6-7, 2004. Available at: <http://centria.di.fct.unl.pt/~jleite/climaIV/index.htm>. Selected for publication as post-proceedings of Clima IV in LNAI.

19. P. Dell'Acqua and L. M. Pereira.
Common-sense reasoning as proto-scientific agent activity.
3rd Int. Workshop on Computational Models of Scientific Reasoning and Applications (III CMSRA), Buenos Aires, Argentina., 2003
18. P. Dell'Acqua, M. Engberg, and L. M. Pereira.
An architecture for a rational, reactive agent.
In F. M. Pires and S. Abreu, editors, *Progress in Artificial Intelligence*, LNCS 2902, pages 379–393, Berlin, 2003. Springer-Verlag
17. P. Dell'Acqua and L. M. Pereira.
A Logical Framework for Modelling eMAS.
In V. Dahl and P. Wadler, editors, *Fifth Int. Symp. on Practical Aspects of Declarative Languages (PADL03)*, LNCS 2562, pages 241–255, Berlin, 2003. Springer-Verlag
16. P. Dell'Acqua and L. M. Pereira.
A Logical Framework for Modelling eMAS.
In V. Dahl and P. Wadler, editors, *Fifth Int. Symp. on Practical Aspects of Declarative Languages (PADL03)*, LNCS 2562, pages 241–255, Berlin, 2003. Springer-Verlag
15. P. Dell'Acqua and L. M. Pereira.
Preferring and updating in logic-based agents.
In O. Bartenstein, U. Geske, M. Hannebauer, and O. Yoshie, editors, *Web-Knowledge Management and Decision Support. Selected Papers from the 14th Int. Conf. on Applications of Prolog (INAP)*, LNAI 2543, pages 70–85, Berlin, 2003. Springer-Verlag
14. P. Dell'Acqua, L. M. Pereira, and A. Vitória.
User preference information in query answering.
In T. Andreasen, A. Motro, H. Christiansen, and H. L. Larsen, editors, *5th Int. Conf. on Flexible Query Answering Systems (FQAS02)*, LNCS 2522, pages 163–173, Berlin, 2002. Springer-Verlag
13. J. J. Alferes, P. Dell'Acqua, and L. M. Pereira.
A compilation of updates plus preferences.
In S. Flesca, S. Greco, N. Leone, and G. Ianni, editors, *Logics in Artificial Intelligence*, LNAI 2424, pages 62–74, Berlin, 2002. Springer-Verlag
12. P. Dell'Acqua, L. M. Pereira, and A. Vitória.
User preference information in query answering.
In T. Andreasen, A. Motro, H. Christiansen, and H. L. Larsen, editors, *5th Int. Conf. on Flexible Query Answering Systems (FQAS02)*, LNCS 2522, pages 163–173, Berlin, 2002. Springer-Verlag
11. P. Dell'Acqua and L. M. Pereira.
Enabling agents to update their knowledge and to prefer.
In P. Brazdil and A. Jorge, editors, *Progress in Artificial Intelligence, 10th Portuguese Int. Conf. on Artificial Intelligence (EPIA '01)*, LNAI 2258, pages 183–190. Springer-Verlag, 2001
10. P. Dell'Acqua and L. M. Pereira.
Preferring and updating in abductive multi-agent systems.
In A. Omicini, P. Petta, and R. Tolksdorf, editors, *Engineering Societies in the Agents' World (ESAW 2001)*, LNAI 2203, pages 57–73. Springer-Verlag, 2001
9. P. Dell'Acqua, J. A. Leite, and L. M. Pereira.
Evolving multi-agent viewpoints - an architecture.
In P. Brazdil and A. Jorge, editors, *Progress in Artificial Intelligence, 10th Portuguese Int. Conf. on Artificial Intelligence (EPIA '01)*, LNAI 2258, pages 169–182. Springer-Verlag, 2001

8. P. Dell'Acqua, F. Sadri, and F. Toni.
Combining introspection and communication with rationality and reactivity in agents.
In J. Dix, F.L. Del Cerro, and U. Furbach, editors, *Logics in Artificial Intelligence*, LNAI 1489, pages 17–32, Berlin, 1998. Springer-Verlag
7. J. Barklund, S. Costantini, P. Dell'Acqua, and G. A. Lanzarone.
Semantical properties of encodings in logic programming.
In J. Lloyd, editor, *Logic Programming – Proc. 1995 Int. Symp.*, pages 288–302, Cambridge, Mass., 1995. MIT Press
6. J. Barklund, K. Boberg, and P. Dell'Acqua.
A basis for a multilevel metalogic programming language.
In L. Fribourg and F. Turini, editors, *Logic Program Synthesis and Transformation – Meta-Programming in Logic*, LNCS 883, pages 262–275, Berlin, 1994. Springer-Verlag
5. S. Costantini, P. Dell'Acqua, and G. A. Lanzarone.
Extending Horn clause theories by reflection principles.
In Craig MacNish, David Pearce, and L. M. Pereira, editors, *Logics in Artificial Intelligence*, LNAI 838, pages 400–413, Berlin, 1994. Springer-Verlag
4. J. Barklund, S. Costantini, P. Dell'Acqua, and G. A. Lanzarone.
SLD-resolution with reflection.
In M. Bruynooghe, editor, *Logic Programming – Proc. 1994 Int. Symp.*, pages 554–568, Cambridge, Mass., 1994. MIT Press
3. S. Costantini, P. Dell'Acqua, and G. A. Lanzarone.
Reflective agents in metalogic programming.
In A. Pettorossi, editor, *Meta-Programming in Logic*, LNCS 649, pages 135–147, Berlin, 1992. Springer-Verlag
2. S. Costantini, P. Dell'Acqua, and G. A. Lanzarone.
Higher-order extensions to Prolog are needed.
In Annalisa Bossi, editor, *Proc. 5th Italian Conf. on Logic Programming, Gulp90*, pages 167–183, Padova, 1990
1. S. Costantini, P. Dell'Acqua, and G. A. Lanzarone.
Beyond Prolog.
In *Proc. AICA*, pages 257–271, Trieste, 1989

Invited papers

1. J. J. Alferes, P. Dell'Acqua, E. Lamma, J. A. Leite, L. M. Pereira, and F. Riguzzi.
A logic based approach to multi-agent systems.
Invited paper in The Association for Logic Programming Newsletter, 14(3), August 2001.
Available at <http://www.cwi.nl/projects/alp/newsletter/aug01>

Other publications

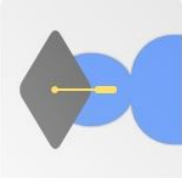
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