

 **Gian Luca Pozzato**

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Personal Information

Date of birth: 12/07/1978

Place of birth: Moncalieri (Turin), Italy

Education

2007 PHD IN COMPUTER SCIENCE

Department of Computer Science, Università degli Studi di Torino, Italy

2003 MASTER DEGREE "SUMMA CUM LAUDE" IN COMPUTER SCIENCE

Faculty of Scienze MM.FF.NN., Università degli Studi di Torino, Italy

Current Position

2015 – ASSOCIATE PROFESSOR

Department of Computer Science, Università degli Studi di Torino, Italy

Previous Position

2007 ASSISTANT PROFESSOR (RICERCATORE)

Department of Computer Science, Università degli Studi di Torino, Italy

Fellowships and Awards

2011 INVITED PROFESSOR

INCA Group at LSIS - Université "Paul Cézanne" Aix-Marseille 3

2009 "MARCO CADOLI" AWARD FOR BEST PHD DISSERTATION

Best PhD dissertation in Computational Logic in 2007-2009 from GULP (Gruppo Italiano Logic Programming), Italy, with revisions by Prof. Dale Miller (Director of Research at INRIA Saclay - Île-de-France and the Laboratoire d'Informatique LIX), and Prof. Daniel Lehmann (School of Computer Science and Engineering, The Hebrew University of Jerusalem, Israel). A revised version of the PhD thesis has been published by IOS Press in the Frontiers in Artificial Intelligence and Applications series [10].

2003 "OPTIME" AWARD FOR BEST MASTER THESIS

Best Master Thesis in 2003 from the Unione Industriale, Torino, Italy

2003 GOLD MEDAL FOR BEST MASTER THESIS

Best Master Thesis in Computer Science in 2001-2002 of the University of Torino.

Supervision of graduate students

2007 - 2015 Supervisor of more than 40 Master and Laurea thesis.

Research interests

His main research interests in **Logical Foundations of Artificial Intelligence** include non-monotonic reasoning, conditional logics, preferential logics, description logics, proof theory and theorem proving.

Teaching activities

- 2007 - **PROFESSOR OF “FORMAL LANGUAGES AND COMPILERS”, “PROGRAMMING”, “DATABASES AND LAB”, “ARTIFICIAL INTELLIGENCE AND LAB”**
Corso di Laurea in Informatica, Università di Torino
- 2013 - **PROFESSOR OF “COMPUTER SCIENCE”**
Corso di Laurea in Lingue e Culture per il Turismo, Lingue e Letterature Moderne, Scienze della Mediazione Linguistica - Università di Torino
- 2010 - **PROFESSOR OF “COMPUTER SCIENCE I”, “COMPUTER SCIENCE II”, “DATA PROCESSING SYSTEMS II”**
Corso di Laurea triennale interfacoltà in Scienze Strategiche, Università di Torino
- 2007 - **PROFESSOR OF “FOUNDATIONS OF ICT AND PARADIGMS OF PROGRAMMING”**
Master in Design and Management of Multimedia for Communication - Univ. Torino - COREP
- 2007 - 2010 **PROFESSOR OF “LABORATORY OF COMPUTER SCIENCE”**
Corso di Laurea in Scienza dei Materiali, Università degli Studi del Piemonte Orientale

Projects

- 2015 **PROJECT “EXCEPTIONOWL: NONMONOTONIC EXTENSIONS OF DESCRIPTION LOGICS AND OWL FOR DEFEASIBLE INHERITANCE WITH EXCEPTIONS”**
PRINCIPAL INVESTIGATOR - Progetti di Ateneo/Compagnia di San Paolo 2014 Call EXCELLENT (YOUNG) PIs
- 2013 **PROJECT “ODIATI#1: ONTOLOGIE, DIAGNOSI E TYPICALITA' NELLE LOGICHE DESCRITTIVE”**
PRINCIPAL INVESTIGATOR - Italian local research for young researchers
- 2013 **PROJECT “CONDESC: DEDUZIONE AUTOMATICA PER LOGICHE CONDIZIONALI E DESCRITTIVE”**
PRINCIPAL INVESTIGATOR - Italian local research
- 2010 **PROJECT “ICT4LAW: ICT CONVERGING ON LAW: NEXT GENERATION SERVICES FOR CITIZENS, ENTERPRISES, PUBLIC ADMINISTRATION AND POLICYMAKERS”**
Participant - Regione Piemonte
- 2008 **PROJECT “LODEN: NONMONOTONIC DESCRIPTION LOGICS: COMPLEXITY AND IMPLEMENTATIONS”**
Participant - Italian Ministry of University, Education and Research - PRIN 08
- 2007 **PROJECT “APPLICAZIONE DI METODI DI DEDUZIONE AUTOMATICA E DI TECNOLOGIE DEL SEMANTIC WEB PER LA RICERCA DI CONTENUTI RELATIVI A DATI MULTIMEDIALI”**
PRINCIPAL INVESTIGATOR - Lagrange fund - Fondazione ISI CRT
- 2007 **PROJECT “PRESTOSPACE: PRESERVATION TOWARDS STORAGE AN ACCESS: STANDARDISED PRACTICES FOR AUDIOVISUAL CONTENTS IN EUROPE”**
Participant with Eurix Group - European Commission 6th Framework Programme for Research
- 2006 **PROJECT “GALILEO06: INTERACTION AND COORDINATION IN MULTI-AGENT SYSTEMS”**
Participant - Bilateral project with CNRS of Marseille
- 2005 **PROJECT “LOGICAL FORMALISMS AND REASONING TECHNIQUES FOR SERVICE SPECIFICATION, VERIFICATION AND COMPOSITION”**
Participant - Italian Ministry of University, Education and Research - PRIN 05
- 2003 **PROJECT “LOGIC-BASED DEVELOPMENT AND VERIFICATION OF MULTI-AGENT SYSTEMS”**
Participant - Italian Ministry of University, Education and Research - PRIN 03

Other activities

- 2015 - **DIRECTOR**
Master in Design and Management of Multimedia for Communication - Università di Torino - COREP
- 2014 **CO-CHAIR OF CONVEGNO ITALIANO DI LOGICA COMPUTAZIONALE (CILC 2014)**
<http://cilc2014.di.unipmn.it>
- 2013 - **MEMBER OF THE SCIENTIFIC COMMITTEE**
Master in Design and Management of Multimedia for Communication - Università di Torino - COREP
- 2008 - **MEMBER OF ADVISORY BOARD OF GULP (ITALIAN GROUP FOR LOGIC PROGRAMMING)**
- 2003 - **REVIEWER FOR CONFERENCES AND JOURNALS IN LOGIC, KR, ARTIFICIAL INTELLIGENCE**

List of selected publications

1. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, Semantic characterization of Rational Closure: from Propositional Logic to Description Logics, *Artificial Intelligence* 226, Elsevier, pp. 1 - 33, 2015.
2. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, A NonMonotonic Description Logic for Reasoning About Typicality, *Artificial Intelligence* 195(1), Elsevier, pp. 165 - 202, 2013.
3. Valerio Genovese, Laura Giordano, Valentina Gliozzi, Gian Luca Pozzato, Logics in access control: a conditional approach, *Journal of Logic and Computation* 24(4), Oxford University Press, pp. 705 - 762, 2014.
4. Regis Alenda, Nicola Olivetti, Gian Luca Pozzato, Nested Sequents Calculi for Normal Conditional Logics, *Journal of Logic and Computation*, Oxford University Press. To appear.
5. Nicola Olivetti, Gian Luca Pozzato, A standard and internal calculus for Lewis counterfactual logics, In *Proc. of Tableaux 2015, Lecture Notes in Artificial Intelligence LNAI 9323*, Springer, pp. 270 - 286, 2015.
6. Nicola Olivetti, Gian Luca Pozzato, NESCOND: an Implementation of Nested Sequent Calculi for Conditional Logics, In *Proc. of IJCAR 2014, Lecture Notes in Artificial Intelligence LNAI 8562*, Springer, pp. 511 - 518, 2014.
7. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, Minimal Model Semantics and Rational Closure in Description Logics, In *Proceedings of the 26th International Workshop on Description Logics (DL 2013), CEUR Workshop Proceedings 1014*, pp. 168 - 180, 2013.
8. Regis Alenda, Nicola Olivetti, Gian Luca Pozzato, Nested Sequent Calculi for Conditional Logics, In *Proc. of JELIA 2012, Lecture Notes in Artificial Intelligence LNAI 7519*, Springer, pp. 14 - 27, 2012.
9. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, A minimal model semantics for nonmonotonic reasoning, In *Proc. of JELIA 2012, LNAI 7519*, Springer, pp. 228 - 241, 2012.
10. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, Reasoning about typicality in low complexity DLs: the logics $EL \perp T_{min}$ and $DL-LitecT_{min}$, In *Proc. of IJCAI 2011*, pp. 894 - 899, 2011.
11. Valerio Genovese, Laura Giordano, Valentina Gliozzi, Gian Luca Pozzato, A conditional constructive logic for access control and its sequent calculus, In *Proc. of TABLEAUX 2011, LNAI 6793*, pp. 164 - 179.
12. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, A tableau calculus for a nonmonotonic extension of EL bottom, In *Proc. of TABLEAUX 2011, LNAI 6793*, pp. 180 - 195, 2011.
13. Gian Luca Pozzato, Conditional and preferential logics: Proof methods and theorem proving, *FAIA (Frontiers in Artificial Intelligence and Applications) 208*, IOS Press, pp. 1 - 216, 2010.
14. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, A nonmonotonic extension of KLM Preferential Logic P, In *Proc. of LPAR 2010, ARCoSS LNCS 6397*, Springer, pp. 317 - 332, 2010.
15. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, Analytic Tableaux Calculi for KLM Logics of Nonmonotonic Reasoning, *ACM Transactions on Computational Logic* 10(3) 1 - 47, 2009.
16. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, ALC+T: a preferential extension of description logics, *Fundamenta Informaticae* 96(3), IOS Press, pp. 341 - 372, 2009.

17. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, Prototypical reasoning with low complexity description logics: preliminary results, In Proc. of LPNMR 2009, LNAI 5753, pp. 430 - 436.
18. Nicola Olivetti, Gian Luca Pozzato, Theorem Proving for Conditional Logics: CondLean and GoalDuck, Journal of Applied Non-Classical Logics 18(4), Taylor & Francis Online, pp. 427 - 473, 2008.
19. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, Reasoning About Typicality in Preferential Description Logics, In Proc. of JELIA 2008, LNAI 5293, Springer, pp. 192 - 205, 2008.
20. Nicola Olivetti, Gian Luca Pozzato, Camilla Schwind, A sequent calculus and a theorem prover for standard conditional logics, ACM Transactions on Computational Logic (ToCL) 8(4), pp. 1 - 51, 2007.
21. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, Preferential Description Logics, In Proc. of LPAR 2007, Lecture Notes in Artificial Intelligence LNAI 4790, Springer, pp. 257 - 272, 2007.
22. Laura Giordano, Valentina Gliozzi, Gian Luca Pozzato, KLMLean 2.0: A Theorem Prover for KLM Logics of Nonmonotonic Reasoning, In Proc. of TABLEAUX 2007, LNAI 4548, Springer, pp. 238 - 244, 2007.
23. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, Analytic Tableaux Calculi for KLM Rational Logic R, In Proc. of JELIA 2006, LNAI 4160, Springer, pp. 190 - 202, 2006.
24. Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, Analytic Tableaux for KLM Preferential and Cumulative Logics, In Proc. of LPAR 2005, LNAI 3835, Springer, pp. 666 - 681, 2005.
25. Nicola Olivetti, Gian Luca Pozzato, CondLean 3.0: Improving Condlean for Stronger Conditional Logics, In Proc. of TABLEAUX 2005, Lecture Notes in Artificial Intelligence LNAI 3702, Springer, pp. 328 - 332.
26. Nicola Olivetti, Gian Luca Pozzato, CondLean: A Theorem Prover for Conditional Logics, In Proc. of TABLEAUX 2003, Lecture Notes in Artificial Intelligence LNAI 2796, Springer, pp. 264 - 270, 2003.

A full list of Pozzato's publications can be found at <http://www.di.unito.it/~pozzato/publications.html>.