CURRICULUM-VALENTINA GLIOZZI

- **ACADEMIC APPOINTMENTS**

2019- Associate Professor at the Computer Science Department & Member of the Center for Logic, Language, and Cognition, University of Turin, Italy

2005- Assistant professor at the Computer Science Department, University of Turin, Italy

2003-3005: Temporary Research Associate University of "Piemonte Orientale", Italy

2002-2003: CNR grantee at the Institut Jean Nicod, CNRS, Paris, France

- **VISITING ACTIVITIES**

2020-2022: Visiting at the Cognitive Neuroimaging Lab, Neurospin, Saclay France

2006- 2007, 2010, 2015-2016: Short-termVisiting Academic at the BabyLab, Experimental Psychology Department, Oxford, UK

- **EDUCATION**

2002: PhD in Computer Science, University of Turin, Italy

1999: Diplôme d'Etudes Approfondis (Master) en Sciences Cognitives, Université de Paris VI, France

1997: Laurea (MA) in Philosophy University of Turin, Italy

- **TEACHING ACTIVITIES**

2009-2010, 2014-present: *Neural Networks and Deep Learning* (36 hrs). Computer Science Department, University of Torino

2006-2014 2018-2019: *Programming 1*, Lab (30 hrs), Computer Science Department, University of Torino

2018 present Programming II, Lab(24 hrs), Computer Science Department, University of Torino

2005 Modal Logic (practise exercise), Ecole Normale Supérieure (Paris), France

2002 Logics. Università del Piemonte Orientale. Italy

- **PUBLICATIONS**
- **International Journals [Authors in alphabetic order, except *]**
☆
  - Valentina Gliozzi, Gian Luca Pozzato *, Alberto Valese Combining neural and symbolic approaches to solve the Picasso problem: A first step. *Displays*, Elsevier (2022).
  - L. Giordano, V. Gliozzi and D.Theseider Dupré. A conditional, a fuzzy and a probabilistic interpretation of self-organizing maps. *Journal of Logic and Computation* 32, 2 (2022).
  - L. Giordano and V. Gliozzi. A reconstruction of the multipreference closure. *Artificial Intelligence*, vol. 290, (2021).
  - Althaus, N., Gliozzi, V., Mayor, J. & Plunkett, K., Infant categorization as a dynamic process linked to memory. In : *Royal Society Open Science*. 7, 10, 18 (2020).

- L. Giordano and V. Gliozzi: Reasoning about exceptions in ontologies: from the lexicographic closure to the skeptical closure. *Fundamenta Informaticae* 176(3-4): 235-269 (2020).
- Valentina Gliozzi, Kim Plunkett. Grounding Bayesian accounts of numerosity and variability effects in a similarity-based framework: the case of self-organising maps. *Journal of Cognitive Psychology* 2019, 31:5-6, 605-618.
- Valentina Gliozzi, Matteo Madeddu: A visual auditory model based on Growing Self-Organizing Maps to analyze the taxonomic response in early childhood. *Cognitive Systems Research* 52: 668-677 (2018)
- Laura Giordano, Valentina Gliozzi, Nicola Olivetti. Towards a Rational Closure for Expressive Description Logics: the Case of SHIQ. *Fundamenta Informormaticae* 159(1-2): 95-122 (2018)
- L. Giordano, V. Gliozzi, N. Olivetti, and Pozzato G. L. Semantic characterization of Rational Closure: from Propositional Logic to Description Logics. *Artificial Intelligence*, (226):1-33, 2015.
- V. Genovese, L. Giordano, V. Gliozzi, and G. L. Pozzato. Logics in access control: A conditional approach. *Journal of Logic and Computation*. 24(4): 705-762, 2014.
- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. A NonMonotonic Description Logic for Reasoning About Typicality. *Artificial Intelligence*, 195:165-202, 2013.
- Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, and Camilla Schwind. Nonclassical logics for knowledge representation and reasoning. *Intelligenza Artificiale*, 5(1):127-131, 2011.
- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. ALC+T: a preferential extension of description logics. *Fundamenta Informaticae*, 96:341-372, 2009.
- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. Analytic Tableaux Calculi for KLM Logics of Nonmonotonic Reasoning. *ACM Transactions on Computational Logic (ToCL)*, 10(3), 2009.
- L. Giordano, V. Gliozzi, N. Olivetti, and C. Schwind. Tableau Calculus for Preference-Based Conditional Logics. *ACM Transactions on Computational Logics (TOCL)*, 10(3), 2009.
- V. Gliozzi, J. Mayor, J. F. Hu, and K. Plunkett. Labels as Features (not Names) for Infant Categorisation: A Neuro-computational approach. *Cognitive Science*, 33(4):709-738, 2009 (*).
- L. Giordano, V. Gliozzi, and N. Olivetti. Weak AGM Postulates and Strong Ramsey Test: a logical formalization. *Artificial Intelligence*, 168(1-2):1-37, 2005.
- L. Giordano, V. Gliozzi, and N. Olivetti. Iterated Belief Revision and Conditional Logic. *Studia Logica*, 70(1):23-47, 2002.

International Conferences
[Presenting, where denoted with **]
- L. Giordano, V. Gliozzi and D. Theseider Dupré: From Common Sense Reasoning to Neural Network Models, through Multiple Preferences: an Overview, *Proc. 19th International Workshop on Non-Monotonic Reasoning (NMR-2021)*, November 3-5 2021, Hanoi, Vietnam (virtually), pages 203–212.
- Laura Giordano, Valentina Gliozzi and Daniele Theseider Dupré: On a plausible concept-wise multipreference semantics and its relations with self-organising maps. *35th Italian Conference on Computational Logic (CILC 2020)* , Rende, Italy, 12-15 October, 2020.
- Laura Giordano, Valentina Gliozzi and Daniele Theseider Dupré: Towards a Conditional Interpretation of Self Organising Maps. Proc. Italian Workshop on Explainable Artificial Intelligence, *XAI.it 2020 , co-located with 19th International Conference of the Italian Association for Artificial Intelligence (AIxIA 2020)*. In CEUR Workshop Proceedings vol. 2742, pp. 127-134.
- Mattia Cerrato, Edoardo Arnaudo, Valentina Gliozzi, Roberto Esposito. Taxonomic and Whole Object Constraints: A Deep Architecture. Proceedings of the *41st Annual Meeting of the Cognitive Science Society (CogSci2019)*, Montreal, Canada July 24th –27th, 2019.
- Laura Giordano and Valentina Gliozzi: Reasoning about exceptions in ontologies: An approximation of the multipreference semantics. *Proc. ECSQARU 2019, 15th European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty*, Belgrade, Serbia, September 18-20 , 2019, Volume 11726 LNAI, 2019, Pages 212-225, Springer.
- Laura Giordano and Valentina Gliozzi: Strengthening the Rational Closure for Description Logics: An Overview. In *CILC 2019, CEUR Workshop Proceedings* vol. 2396, pages 68-81. Trieste, Italy, June 19-21, 2019.

- Giorgia Fenoglio, Roberto Esposito, Valentina Gliozzi: A Neural Network Model for Taxonomic Responding with Realistic Visual Inputs. *Proceedings of the 39th annual meeting of the Cognitive Science Society*, London UK, 16-29 July 2017
- Laura Giordano, Valentina Gliozzi, Gian Luca Pozzato, Riccardo Renzulli: An Efficient Reasoner for Description Logics of Typicality and Rational Closure. *Description Logics 2017, CEUR Workshop Proceedings 1879*, Montpellier, France, July 18-21, 2017.
- Laura Giordano, Valentina Gliozzi, Gian Luca Pozzato, Riccardo Renzulli: RAT-OWL: Reasoning with Rational Closure in Description Logics of Typicality. *ICTCS/CILC 2017, CEUR Workshop Proceedings 1949*, pages 306-320. Naples, Italy, September 26-28, 2017.
- V. Gliozzi: A strengthening of rational closure in DLs: reasoning about multiple aspects. In Kern-Isberner, Wassermann (Ed), *Proceedings of the 16th International Workshop on Non-Monotonic Reasoning (NMR 2016)*, Cape Town, South Africa; April 22 – 24, 2016.
- V. Gliozzi . Reasoning about Multiple Aspects in Rational Closure for DLs, AI*IA 2016, *XV International Conference of the Italian Association for Artificial Intelligence (AIxIA)*, Genova, Italy, November 29 - December 1, 2016, Proceedings, 2016 pp. 392-405.
- Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, Luca Violanti. DysToPic: a Multi-Engine Theorem Prover for Preferential Description Logics. In *Description Logics 2015*, Athens, Greece, June 7-10, 2015. *CEUR Workshop Proceedings 1350.*
- Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato, Luca Violanti. A Multi-engine Theorem Prover for a Description Logic of Typicality. *In AI*IA 2015, Advances in Artificial Intelligence - XIVth International Conference of the Italian Association for Artificial Intelligence*, Ferrara, Italy, September 23-25, 2015, *LNAI 9336*, pp. 164-178, Springer.
- Laura Giordano and Valentina Gliozzi. Encoding a Preferential Extension of the Description Logic SROIQ into SROIQ. *In ISMIS 2015, Foundations of Intelligent Systems - 22nd International Symposium*, Lyon, France, October 21-23, 2015, LNCS 9384, pp. 248-258, Springer.
- Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato. Rational Closure in SHIQ. In *Description Logics 2014*: 543-555, 17-20 July 2014, Vienna. *CEUR Workshop Proceedings 1193.*
- Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato. Minimal models for rational closure in SHIQ. In *ICTCS 2014, Italian Conference on Theoretical Computer Science*: Perugia, September 17-19th 2014. *CEUR Workshop Proceedings 1231,* 271-277
- V. Gliozzi, N. Althaus, J. Mayor, K. Plunkett, 2013. Primacy/recency effects in infant categorisation. In M.Knauff, M.Pauen, N.Sebanz & I.Wachsmuth, editors, *Proceedings of the 35th annual meeting of the Cognitive Science Society*, 2013, pages: 2410-2415.
- L. Giordano, V. Gliozzi, N. Olivetti and G. L. Pozzato. Minimal Model Semantics and Rational Closure in Description Logics. *26th International Workshop on Description Logics, DL 2013*, Ulm, 23-26 July 2013.
- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. A minimal model semantics for nonmonotonic reasoning. In Jérôme Mengin Luis Fariñas del Cerro, Andreas Herzig, editor, *Logics in Artificial Intelligence - 13th European Conference, JELIA 2012*, volume 7519 of *LNAI*, pages 228-241, Toulouse, France, Sptember 2012. Springer-Verlag.
- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. A minimal model semantics for rational closure. In Riccardo Rosati and Stefan Woltran, editors, *Proceedings of NMR 2012: 14th International Workshop on Non-Monotonic Reasoning*, to appear, Roma, Italy, June 8-10 2012.
- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. Preferential Low Complexity Description Logics: Complexity Results and Proof Methods. In Yevgeny Kazakov and Frank Wolter, editors, *Proceedings of the 25th International Workshop on Description Logics (DL 2012)*, volume 846 of *CEUR* , pages 180-190, Roma, Italy, June 2012.
- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. A modal reconstruction of Rational Closure. In Francesca Alessandra Lisi and Fabio Patrizi, editors, *Proceedings of CILC 2012 (27th Convegno Italiano di Logica Computazionale)*, volume 857 of *CEUR* , pages 161-175, Roma, Italy, June 2012.
- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. Reasoning about typicality in low complexity DLs: the logics EL^{bot} tip $_{mbox}$ min and DL-lite$_c$ tip $_{mbox}$ min. In Toby Walsh, editor, *Proceedings of IJCAI 2011 (22nd International Joint Conference on Artificial Intelligence)*, pages 894-899, Barcelona, Spain, July 2011. AAAI.
- V. Genovese, L. Giordano, V. Gliozzi, and G. L. Pozzato. A conditional constructive logic for access control and its sequent calculus. In K. Brünnler and G. Metcalfe, editors, *Proceedings of TABLEAUX 2011 (20th International*

Conference on Automated Reasoning with Analytic Tableaux and Related Methods), volume 6793 of *LNAI*, pages 164-179, Bern, Switzerland, July 2011. Springer-Verlag.

- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. A tableau calculus for a nonmonotonic extension of *EL^* bot . In K. Brünnler and G. Metcalfe, editors, *Proceedings of TABLEAUX 2011 (20th International Conference on Automated Reasoning with Analytic Tableaux and Related Methods)*, volume 6793 of *LNAI*, pages 180-195, Bern, Switzerland, July 2011. Springer-Verlag

- D. D'Aprile, L. Giordano, V. Gliozzi, A. Martelli, G.L. Pozzato, D. Theseider Dupré. Verifying Compliance of Business Processes with Temporal Answer Sets, in *CILC 2011 (26th Convegno Italiano di Logica Computazionale)*, Pescara, Italy, September 2011, CEUR workshop proceedings , vol. 810.

- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. Nonmonotonic Extensions of Low Complexity DLs: Complexity Results and Proof Methods, in *CILC 2011 (26th Convegno Italiano di Logica Computazionale), Pescara, Italy, September 2011*, CEUR workshpo proceedings , vol. 810.

- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. A Nonmonotonic Extension of KLM Preferential Logic P , In: *LPAR-17, Logic for Programming, Artificial Intelligence, and Reasoning - 17th International Conference - LNCS 6397*. Yogyakarta, Indonesia, October 10-15, 2010, p. 317-332.

- D. D'Aprile, L.Giordano, V.Gliozzi, A.Martelli, N.Olivetti, G.L. Pozzato, Verifying Business Process Compliance by Reasoning about Actions , In: *CLIMA XI: Computational Logic in Multi-Agent Systems, 11th International Workshop - LNAI 6245.* Lisbon, Portugal, August 16-17, 2010, p. 99-116.

- V. Genovese , L.Giordano, V.Gliozzi, G.L. Pozzato. A constructive conditional logic for access control: a preliminary report , In: *ECAI 2010 (19th European Conference on Artificial Intelligence).* Lisbon, Portugal, August 16-20, 2010, p. 1073-1074.

- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. Preferential vs Rational Description Logics: which one for Reasoning About Typicality? , In: *ECAI 2010 (19th European Conference on Artificial Intelligence)*. Lisbon, Portugal, August 16-20, 2010, p. 1069-1070.

- V. Genovese , L.Giordano, V.Gliozzi, G.L. Pozzato. Logics in Access Control: A Conditional Approach , In D. Gabbay and L. van der Torre. In: *LIS 2010 (1st Workshop of Logics in Security)*. Copenhagen., August 9th - 13th, 2010

- V. Genovese , L.Giordano, V.Gliozzi, G.L. Pozzato. A constructive conditional logic for access control: a completeness result and a sequent calculus . *CILC 2010 (25-esimo Convegno Italiano di Logica Computazionale)- CEUR Workshop Proceedings* , Rende (CS), Italy, July 2010, vol. 598, p. 1-15.

- L. Giordano, V. Gliozzi, N. Olivetti and G.L. Pozzato. Preferential vs Rational Description Logics: which one for Reasoning About Typicality? , In: *CILC 2010 (25-esimo Convegno Italiano di Logica Computazionale)- CEUR Workshop Proceedings* . Rende (CS), Italy, July 2010, vol. 598.

- L. Giordano, V. Gliozzi, N. Olivetti and G.L. Pozzato, Reasoning About Typicality in ALC and EL , *Description Logics* 2009.

- L. Giordano, V. Gliozzi, N. Olivetti and G.L. Pozzato, Reasoning about typicality with low complexity Description Logics: the logic EL+T, *AI*IA 2009, LNAI 5883*, pp. 62-71, Springer, 2009.

- L. Giordano, V. Gliozzi, N. Olivetti and G.L. Pozzato, Prototypical Reasoning with Low Complexity Description Logics: Preliminary Results. *LPNMR 2009: LNAI 5753 Springer 2009*, pp.430-436.

- V. Gliozzi, J. Mayor, J. F. Hu, and K. Plunkett. The impact of labels on visual categorisation: a neural network model. In B. C. Love, K. McRae, and V. M. Sloutsky, editors, *Proc. of the 30th Annual Cognitive Science Society*, pages 397-402, Austin, TX, 2008. Cognitive Science Society.

- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. Reasoning About Typicality in Preferential Description Logics. In S. Hólldobler, C. Lutz, and H. Wansing, editors, *Proceedings of JELIA 2008 (11th European Conference on Logics in Artificial Intelligence)*, volume 5293 of *LNAI*, pages 192205, Dresden, Germany, September 2008. Springer-Verlag.

- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. ALC+T: Reasoning About Typicality in Description Logics. In *Proceedings of CILC 2008 (23-esimo Convegno Italiano di Logica Computazionale), 10-12 July* 2008.

- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. Preferential Description Logics. In Nachum Dershowitz and Andrei Voronkov, editors, *Proceedings of LPAR 2007 (14th Conference on Logic for Programming, Artificial Intelligence, and Reasoning)*, volume 4790 of *LNAI*, pages 257-272, Yerevan, Armenia, October 2007. Springer-Verlag.

- L. Giordano, V. Gliozzi, N. Olivetti and G.L. Pozzato, KLMLean 2.0: a Theorem Prover for KLM Logics of Nonmonotonic Reasoning, *TABLEAUX 2007,* Aix en Provence, France, 3-6 July, 2007.

- L. Giordano, V. Gliozzi, N. Olivetti and G.L. Pozzato, An Implementation of a Free-variable Tableaux for KLM Preferential Logic P of Nonmonotonic Reasoning: the Theorem Prover FREEP 1.0. *AI*IA 2007*, Roma, Italy, 10-13 September, 2007.
- L. Giordano, V. Gliozzi, N. Olivetti and G.L. Pozzato, KLM Logics of Nonmonotonic Reasoning: Calculi and Implementations, *Convegno Italiano di Logic Computazionale, CILC 2007*, Messina, 21-22 Giugno 2007.
- L. Giordano, V. Gliozzi, N. Olivetti and G.L. Pozzato, Extensions of Description Logic to Reason about Typicality, *Methods for Modalities (M4M),* Paris, November 2007.
- L. Giordano, V. Gliozzi, N. Olivetti and G.L. Pozzato, Preferential Description Logics. *LPAR 2007*: 257-272.
- L. Giordano, V. Gliozzi, N. Olivetti and G.L. Pozzato, Automated Deduction for Logics of Default Reasoning (Extended Abstract), accepted as a Poster at *ECAI06*, Riva del Garda, Aug 28th - Sept 1st 2006.
- L. Giordano, V. Gliozzi, N. Olivetti and G. Pozzato. Analytic Tableaux for KLM Preferential and Cumulative Logics. *12th Int. Conf on Logic Programming and Automated Reasoning, LPAR 2005*, 2nd-6th December 2005, Montego Bay, Jamaica. To appear (pdf). A preliminary version was presented as a *position paper,* in Tableaux 2005, *Automated Reasoning with Analytic Tableaux and Related Methods*, Koblenz, 14-16 september 2005.
- L. Giordano, V. Gliozzi, N. Olivetti, and G. L. Pozzato. Analytic Tableaux Calculi for KLM Rational Logic R. In M. Fisher, W. van der Hoek, B. Konev, and A. Lisitsa, editors, *Proceedings of JELIA 2006 (10th European Conference on Logics in Artificial Intelligence)*, volume 4160 of *LNAI*, pages 190-202, Liverpool, England, September 2006. Springer-Verlag
- L. Giordano, V. Gliozzi, N. Olivetti and C.Schwind. Extensions of Tableau calculi for preference-based conditional logics. *Methods for Modalities*" (M4M)*,* 1-2 December 2005, Berlin.
- L. Giordano, V. Giozzi, N. Olivetti, and C. Schwind. Tableau Calculi for Preference-Based Conditional Logics. In *Proc. of TABLEAUX 2003 (Automated Reasoning with Analytic Tableaux and Related Methods)*, volume 2796 of *LNAI*, pages 81-101. Springer, 2003.
- L. Giordano, V. Gliozzi, and N. Olivetti. Belief Revision and the Ramsey Test: a Solution. In Proc. *AI*IA'01: Advances in Artificial Intelligence.* LNAI 2175. Bari, September 2001.
- L.Giordano, V.Gliozzi and N.Olivetti. A conditional Logic for Iterated Belief Revision. In Proc. 14th European Conference on Artificial Intelligence, *ECAI 2000*, Berlin .
- L. Giordano, V. Gliozzi and N. Olivetti. A Conditional Logic for Belief Revision. In Proc. of the Sixth European Workshop on Logic in Artificial Intelligence, *JELIA'98*, volume 1489 of LNAI, pages 294-308, Dagstuhl, 1998.

- **ORGANISATION OF SCIENTIFIC MEETINGS**

2016: Organizer of the Workshop on Categorization, Language, and Inductive Learning, Center for Logic, Language and Cognition, University of Torino, Italy.

2014: Co-chair of CILC (Convegno Italiano di Logica Computazionale), http://cilc2014.di.unipmn.it

- **INSTITUTIONAL RESPONSIBILITIES**

2015 –present Member of the Executive Committee of the Center for Logic, Language and Cognition, University of Torino, Italy

2015 -present Member of the Scientific Board of the Center for Logic, Language and Cognition, University of Torino, Italy

2015 – Founding Member of the Center for Logic, Language and Cognition, University of Torino, Italy

2013-2015 and 2022- Member of the PhD committee, Computer Science Department, University of Torino

- **COMMISSIONS OF TRUST**

2022:PC member KR2022

2020: PC member of IJCAI 2020

2019:PC member of JELIA 2019

2018: PC member of KR 2018

2016: co-Editor of the Special Issue on *Fundamenta Informaticae* from CILC 2014

2016: PC member NMR

2015: PC member di Joint Ontologies Workshop 2015 (colocato con IJCAI2015)

2015: PC member CILC 2015(Convegno Italiano di Logica Computazionale)

2014: Member of the Italian Artificial Intelligence Society (AI*IA) Committe for the best Master Thesis in Artificial Intelligence

Referee per Journal of Logic and Computation, Journal of Applied Non-Classical Logics, ECAI (European Conference on Artificial Intelligence), JELIA (Joint European Conference on logics in Artificial Intelligence), DL (Description Logics), TABLEAUX.

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

Member of the Cognitive Science Society; member of the Italian Association for Artificial Intelligence;

Member of the GNCS (Gruppo Nazionale per il Calcolo Scientifico)

- **PROJECTS**

Scientific responsibility:

GNCS 2016: "Defeasible Logics nelle Logiche Descrittive", finanziato dall'Istituto Nazionale di Alta Matematica Francesco Severi (INDAM).

Progetto 2013 "CONDESC: deduzione automatica per logiche CONDizionali e DESCrittive", ricerca locale Dipartimento di Informatica, Università di Torino.

Progetto 2014 "DECORN: logiche Descrittive e Condizionali per Ragionamento Nonmonotono", ricerca locale Dipartimento di Informatica, Università di Torino.

Progetto 2015 "LINEETTA: LogIcs and NEural networks for rEasoning abouT TypicAlity", ricerca locale Dipartimento di Informatica, Università di Torino.

Progetto 2016 "TACL&D: Typicality, neurAl networks, ConditionaL & Description logics", ricerca locale Dipartimento di Informatica, Università di Torino.

Progetto 2017 "RE-TACL&D: Reasoning about Typicality, neurAl networks, ConditionaL logics & Description logics", ricerca locale Dipartimento di Informatica, Università di Torino.

Progetto 2019 "RODRIGO: neuRal netwOrks, DescRiptIon loGics, prObabilities", ricerca locale Dipartimento di Informatica, Università di Torino.

Progetto 2019 "DECORATOR: Dynamic gEneration with Concept cOmbination and neuRAl neTwORks", ricerca locale Dipartimento di Informatica, Università di Torino.

Progetto 2020 "TERRACOTTA: leT nEuRal netwoRks And desCription logics Of TypicaliTy cooperAte", ricerca locale Dipartimento di Informatica, Università di Torino.

Progetto 2021 "LENTO: Logics and nEural Networks: Together" , ricerca locale Dipartimento di Informatica, Università di Torino.

Participation to projects:

PRIN 2017 CRUV_PRIN_2017_19_01 (Coordinator prof. Enzo Crupi).

Bilateral Project Galileo 2006: "Interaction and coordination in multi-agent systems" (Coordinator Prof. Laura Giordano).

PRIN 2008: LoDeN (Low-complexity Description logics with Nonmonotonic features)" (Coordinator Prof. Laura Giordano).

"ICT4LAW : ICT Converging on Law: Next Generation Services for Citizens, Enterprises, Public Administration and Policymakers" (March 2009 - March 2013). Regione Piemonte. (Coordinator Prof. Laura Giordano).

GNCS 2015 "Logiche Descrittive e Ragionamento Non Monotono" finanziato dall'Istituto Nazionale di Alta Matematica Francesco Severi (INDAM). (Coordinator Prof. Laura Giordano).

PRIN 2003: "Logic-based development and verification of multi-agent system". (Coordinator Prof. Laura Giordano).

PRIN 2005: "Specification and verification of agent interaction protocols". (Coordinator Prof. Laura Giordano).

- **MAJOR COLLABORATIONS**
-Kim Plunkett (Experimental Psychology Department, University of Oxford, UK; Topic: Neural network modeling of Cognition);
-Christophe Pallier
-Nicola Olivetti (LSIS - UMR CNRS 6168 Aix-Marseille University, France; Topics: knowledge representation, Description Logics, proof theory);
-Camilla B. Schwind (CNRS at LIF, Marseille, France; Topic: proof methods for nonclassical logics).

- **CAREER BREAKS**
 22/09/2008- 11/04/2009 Maternity leave
22/10/2011 - 05/06/2012 Maternity leave