

Curriculum Vitae et Studiorum

Cristian Molinaro

Personal Data

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1 Education and Positions

1.1 Education

- *Laurea* degree *cum laude* (B.Sc.) in Computer Science and Engineering, University of Calabria, Italy, 2003.
- *Laurea* degree *cum laude* (M.Sc.) in Computer Science and Engineering, University of Calabria, Italy, 2005.
- Ph.D. in Computer Science and Engineering, University of Calabria, Italy, January 2009.

1.2 Positions

- Since November 2011 he has been an Assistant Professor at the University of Calabria.
- Visiting Research Associate, Department of Computer Science, Dartmouth College, Hanover, NH, USA (August–October 2018).
- Visiting professor, Department of Applied Information Technology and Center for Secure Information Systems, George Mason University, Fairfax, VA, USA (August–October 2012).
- Faculty Research Assistant, University of Maryland Institute for Advanced Computer Studies, University of Maryland, College Park, MD, USA (February 2009–October 2011).
- Visiting Scholar, Department of Computer Science and Engineering, State University of New York at Buffalo, Buffalo, NY, USA (December 2007–May 2008).

2 Research Interests

- Inconsistency management
- Incompleteness management
- Explainability in Knowledge Representation and Reasoning
- Logic Programming
- Social Network Analysis

3 Teaching Activity

- *Academic Year 2019-2020*
 - *Cryptography Algorithms*, M.Sc. Degree in Computer Engineering, University of Calabria.
 - *Algorithms*, Bachelor Degree in Statistics for Business, University of Calabria.
- *Academic Year 2018-2019*
 - *Cryptography Algorithms*, M.Sc. Degree in Computer Engineering, University of Calabria.
 - *Advanced Database Systems*, M.Sc. Degree in Computer Engineering, University of Calabria.
- *Academic Year 2017-2018*
 - *Introduction to Cryptography and Social Network Analysis*, M.Sc. Degree in Computer Engineering, University of Calabria.
 - *Introduction to Database Systems*, Bachelor Degree in Statistics for Business and Insurance, University of Calabria.
- *Academic Year 2016-2017*
 - *Introduction to Cryptography and Social Network Analysis*, M.Sc. Degree in Computer Engineering, University of Calabria.
 - *Introduction to Database Systems*, Bachelor Degree in Statistics for Business and Insurance, University of Calabria.
- *Academic Year 2015-2016*
 - *Introduction to Cryptography and Social Network Analysis*, M.Sc. Degree in Computer Engineering, University of Calabria.
 - *Introduction to Database Systems*, Bachelor Degree in Statistics for Business and Insurance, University of Calabria.
- *Academic Year 2014-2015*
 - *Algorithm Design and Analysis*, M.Sc. Degree in Computer Engineering, University of Calabria.
 - *Introduction to Database Systems*, Bachelor Degree in Statistics for Business and Insurance, University of Calabria.
- *Academic Year 2013-2014*
 - *Algorithm Design and Analysis*, M.Sc. Degree in Computer Engineering, University of Calabria.
- *Academic Year 2012-2013*

- *Algorithm and Data Management Laboratory*, M.Sc. Degree in Computer Engineering, University of Calabria.
- Teaching assistant of *Algorithm Design and Analysis*, M.Sc. Degree in Computer Engineering, University of Calabria.
- *Academic Year 2011-2012*
 - *Algorithm and Data Management Laboratory*, B.Sc. Degree in Computer Engineering, University of Calabria.
 - Teaching assistant of *Algorithm Design and Analysis*, M.Sc. Degree in Computer Engineering, University of Calabria.
- *Academic Year 2008-2009*
 - Teaching assistant of *Algorithms for Internet and Cryptography*, M.Sc. Degree in Computer Engineering, University of Calabria.
- *Academic Year 2006-2007*
 - Teaching assistant of *Databases*, B.Sc. Degree in Computer Engineering, University of Calabria.
 - Teaching assistant of *Databases and Knowledge Bases*, M.Sc. Degree in Computer Engineering, University of Calabria.
 - Teaching assistant of *Foundations of Computer Science II*, B.A. Degree in Political Sciences, University of Calabria.
- *Academic Year 2005-2006*
 - Teaching assistant of *Foundations of Computer Science*, B.Sc. Degree in Engineering, University of Calabria.
 - Teaching assistant of *Programming Laboratory*, B.Sc. Degree in Computer Engineering, University of Calabria.
 - Teaching assistant of *Databases and Knowledge Bases*, M.Sc. Degree in Computer Engineering, University of Calabria.
 - Teaching assistant of *Databases and Knowledge Bases*, M.Sc. Degree in Management Engineering, University of Calabria.

4 Professional Activities

Reviewer for the following journals:

- *Journal of the ACM* (JACM),
- *IEEE Transactions on Knowledge & Data Engineering* (TKDE),
- *ACM Transactions on Computational Logic* (TOCL),
- *The VLDB Journal* (VLDBJ),

- *Theoretical Computer Science (TCS)*,
- *Information Systems (IS)*,
- *Theory and Practice of Logic Programming (TPLP)*,
- *ACM Transactions on Intelligent Systems and Technology (TIST)*,
- *Distributed and Parallel Databases (DAPD)*,
- *Knowledge and Information Systems (KAIS)*,
- *IEEE Transactions on Services Computing (TSC)*,
- *International Journal of Approximate Reasoning (IJAR)*,
- *Annals of Mathematics and Artificial Intelligence (AMAI)*.

Program committee member of the following conferences:

- *29th International Joint Conference on Artificial Intelligence (IJCAI)*, 2020 (senior program committee member).
- *34th AAI Conference on Artificial Intelligence (AAAI)*, 2020.
- *24th European Conference on Artificial Intelligence (ECAI)*, 2020.
- *17th International Conference on Principles of Knowledge Representation and Reasoning (KR)*, 2020.
- *28th International Joint Conference on Artificial Intelligence (IJCAI)*, 2019.
- *27th International Joint Conference on Artificial Intelligence and the 23rd European Conference on Artificial Intelligence (IJCAI)*, 2018 (level-2 distinguished PC member).
- *16th International Conference on Principles of Knowledge Representation and Reasoning (KR)*, 2018.
- *26th International Joint Conference on Artificial Intelligence (IJCAI)*, 2017.
- *24th International Joint Conference on Artificial Intelligence (IJCAI)*, 2015.
- *9th International Web Rule Symposium (RuleML)*, 2015.

5 Publications

5.1 Journals

- 1 Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
“Approximation algorithms for querying incomplete databases”.
Information Systems, vol. 86, pp. 28–45, 2019 (Special Issue **Best papers of AMW 2017**).
- 2 John Grant, Cristian Molinaro, and Francesco Parisi.
“Probabilistic Spatio-Temporal Knowledge Bases: Capacity Constraints, Count Queries, and Consistency Checking”.
International Journal of Approximate Reasoning, vol. 100, pp. 1–28, 2018 (Selected from the **Best papers of ECSQARU 2017**).
- 3 Sergio Greco, Cristian Molinaro, and Chiara Pulice.
“Efficient Maintenance of Shortest Distances in Dynamic Graphs”.
IEEE Transactions on Knowledge and Data Engineering, vol. 30, n. 3, pp. 474–487, 2018.
- 4 Sergio Greco, Cristian Molinaro, Chiara Pulice, and Ximena Quintana.
“Incremental maintenance of all-pairs shortest paths in relational DBMSs”.
Social Network Analysis and Mining, vol. 7, n. 1, pp. 36:1–36:18, 2017.
- 5 Chanhyun Kang, Sarit Kraus, Cristian Molinaro, Francesca Spezzano, and V.S. Subrahmanian.
“Diffusion Centrality: A Paradigm to Maximize Spread in Social Networks”.
Artificial Intelligence, vol. 239, pp. 70–96, 2016.
- 6 Marco Calautti, Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
“Using Linear Constraints for Logic Program Termination Analysis”.
Theory and Practice of Logic Programming, vol. 16, n. 3, pp. 353–377, 2016 (Special Issue **Selected papers from the International Web Rule Symposia 2012–2014**).
- 7 Marco Calautti, Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
“Exploiting Equality Generating Dependencies in Checking Chase Termination”.
Proceedings of the VLDB Endowment, vol. 9, n. 5, pp. 396–407, 2016.
- 8 Cristian Molinaro, Vincenzo Moscato, Antonio Picariello, Andrea Pugliese, Antonino Rullo, and V.S. Subrahmanian.
“PADUA: Parallel Architecture to Detect Unexplained Activities”.
ACM Transactions on Internet Technology, vol. 14, n. 1, pp. 3, 2014.
- 9 Cristian Molinaro, Amy Sliva, and V.S. Subrahmanian.
“Super-Solutions: Succinctly Representing Solutions in Abductive Annotated Probabilistic Temporal Logic”.
ACM Transactions on Computational Logic, vol. 15, n. 3, pp. 18, 2014.
- 10 Andrea Pugliese, V.S. Subrahmanian, Christopher Thomas, and Cristian Molinaro.
“PASS: A Parallel Activity Search System”.
IEEE Transactions on Knowledge and Data Engineering, vol. 26, n. 8, pp. 1989–2001, 2014.

11 Massimiliano Albanese, Cristian Molinaro, Fabio Persia, Antonio Picariello, and V.S. Subrahmanian.

“Discovering the Top-k Unexplained Sequences in Time-Stamped Observation Data”.
IEEE Transactions on Knowledge and Data Engineering, vol. 26, n. 3, pp. 577–594, 2014.

12 Paulo Shakarian, Matthias Broecheler, V. S. Subrahmanian, and Cristian Molinaro.
“Using Generalized Annotated Programs to Solve Social Network Diffusion Optimization Problems”.

ACM Transactions on Computational Logic, vol. 14, n. 2, pp. 10:1–10:40, 2013.

13 Maria Vanina Martinez, Cristian Molinaro, John Grant, and V. S. Subrahmanian.

“Customized Policies for Handling Partial Information in Relational Databases”.

IEEE Transactions on Knowledge and Data Engineering, vol. 25, n. 6, pp. 1254–1271, 2013.

14 Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.

“Logic programming with function symbols: Checking termination of bottom-up evaluation through program adornments”.

Theory and Practice of Logic Programming, vol. 13, n. 4–5, pp. 737–752, 2013.

15 Sergio Greco and Cristian Molinaro.

“Probabilistic Query Answering over Inconsistent Databases”.

Annals of Mathematics and Artificial Intelligence, vol. 64, n. 2–3, pp. 185–207, 2012.

16 Sergio Greco and Cristian Molinaro.

“Consistent Query Answering over Inconsistent Databases”.

International Journal of Knowledge-Based and Intelligent Engineering Systems, vol. 15, n. 3, pp. 119–129, 2011.

17 Sergio Greco, Cristian Molinaro, Irina Trubitsyna, and Ester Zumpano.

“NP Datalog: a Logic Language for Expressing NP Search and Optimization Problems”.

Theory and Practice of Logic Programming, vol. 10, n. 2, pp. 125–166, 2010.

18 Cristian Molinaro and Sergio Greco.

“Polynomial Time Queries over Inconsistent Databases with Functional Dependencies and Foreign Keys”.

Data & Knowledge Engineering, vol. 69, n. 7, pp. 709–722, 2010.

19 Cristian Molinaro, Jan Chomicki, and Jerzy Marcinkowski.

“Disjunctive databases for representing repairs”.

Annals of Mathematics and Artificial Intelligence, vol. 57, n. 2, pp. 103–124, 2009.

20 Filippo Furfaro, Sergio Greco, and Cristian Molinaro.

“A Three-Valued Semantics for Querying and Repairing Inconsistent Databases”.

Annals of Mathematics and Artificial Intelligence, vol. 51, n. 2–4, pp. 167–193, 2007.

5.2 International Conference Proceedings

- 21** Thomas Lukasiewicz, Enrico Malizia, Cristian Molinaro.
“Explanations for Inconsistency-Tolerant Query Answering under Existential Rules”.
AAAI Conference on Artificial Intelligence (AAAI), to appear, 2020.
- 22** Nicola Fiorentino, Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
“ACQUA: Approximate Consistent Query Answering Over Inconsistent Knowledge Bases”.
International Conference on Flexible Query Answering Systems (AIKE), pp. 107–110, 2019.
- 23** Nicola Fiorentino, Cristian Molinaro, and Irina Trubitsyna.
“Optimizing the Computation of Approximate Certain Query Answers over Incomplete Databases”.
International Conference on Flexible Query Answering Systems (FQAS), pp. 48–60, 2019.
- 24** Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
“Algorithms for Computing Approximate Certain Answers over Incomplete Databases”.
International Database Engineering and Applications Symposium (IDEAS), 2018, pp. 1–4.
- 25** Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
“Computing Approximate Query Answers over Inconsistent Knowledge Bases”.
International Joint Conference on Artificial Intelligence (IJCAI), 2018, pp. 1838–1846.
- 26** Thomas Lukasiewicz, Enrico Malizia, Cristian Molinaro.
“Complexity of Approximate Query Answering under Inconsistency in Datalog+/-”.
International Joint Conference on Artificial Intelligence (IJCAI), 2018, pp. 1921–1927.
- 27** Nicola Fiorentino, Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
“ACID: A System for Computing Approximate Certain Query Answers over Incomplete Databases”.
International Conference on Management of Data (SIGMOD), pp. 1685–1688, 2018.
- 28** Sergio Greco, Cristian Molinaro, Chiara Pulice, and Ximena Quintana.
“Efficient Maximum Flow Maintenance on Dynamic Networks”.
International Conference on World Wide Web Companion (WWW), pp. 1383–1385, 2017.
- 29** John Grant, Cristian Molinaro, and Francesco Parisi.
“Count Queries in Probabilistic Spatio-Temporal Knowledge Bases with Capacity Constraints”.
European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty (ECSQARU), pp. 459–469, 2017.
- 30** Sergio Greco, Cristian Molinaro, Chiara Pulice, and Ximena Quintana.
“Incremental maximum flow computation on evolving networks”.
Symposium on Applied Computing (SAC), pp. 1061–1067, 2017.
- 31** Sergio Greco, Cristian Molinaro, and Chiara Pulice.
“Efficient Maintenance of All-Pairs Shortest Distances”.
International Conference on Scientific and Statistical Database Management (SSDBM), pp. 9:1–9:12, 2016.

- 32** Sergio Greco, Cristian Molinaro, Chiara Pulice, and Ximena Quintana.
 “All-Pairs Shortest Distances Maintenance in Relational DBMSs”.
International Conference on Advances in Social Networks Analysis and Mining (ASONAM), pp. 215–222, 2016.
- 33** Marco Calautti, Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
 “Logic Program Termination Analysis Using Atom Sizes”.
International Joint Conference on Artificial Intelligence (IJCAI), pp. 2833–2839, 2015.
- 34** Marco Calautti, Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
 “Checking Termination of Logic Programs with Function Symbols through Linear Constraints”.
International Web Rule Symposium (RuleML), pp. 97–111, 2014. (**Best paper award**).
- 35** Thomas Lukasiewicz, Maria Vanina Martinez, Cristian Molinaro, Livia Predoiu, and Gerardo I. Simari.
 “Answering Ontological Ranking Queries Based on Subjective Reports”.
International Conference on Scalable Uncertainty Management (SUM), pp. 223–236, 2014.
- 36** Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
 “Bounded Programs: A New Decidable Class of Logic Programs with Function Symbols”.
International Joint Conference on Artificial Intelligence (IJCAI), pp. 926–932, 2013.
- 37** John Grant, Cristian Molinaro, and Francesco Parisi.
 “Aggregate Count Queries in Probabilistic Spatio-temporal Databases”.
International Conference on Scalable Uncertainty Management (SUM), pp. 255–268, 2013.
- 38** Massimiliano Albanese, Sushil Jajodia, and Cristian Molinaro.
 “A Logic Framework for Flexible and Security-Aware Service Composition”.
IEEE International Conference on Autonomic and Trusted Computing (ATC), pp. 337–346, 2013.
- 39** Chanhyun Kang, Cristian Molinaro, Sarit Kraus, Yuval Shavitt, and V. S. Subrahmanian.
 “Diffusion Centrality in Social Networks”.
International Conference on Advances in Social Networks Analysis and Mining (ASONAM), pp. 558–564, 2012.
- 40** Cristian Molinaro, Amy Sliva, and V. S. Subrahmanian.
 “Abduction in Annotated Probabilistic Temporal Logic”.
International Conference on Logic Programming – Technical Communications (ICLP), pp. 240–250, 2011.
- 41** Massimiliano Albanese, Cristian Molinaro, Fabio Persia, Antonio Picariello, and V. S. Subrahmanian.
 “Finding Unexplained Activities in Video”.
International Joint Conference on Artificial Intelligence (IJCAI), pp. 1628–1634, 2011.
- 42** Sergio Greco, Cristian Molinaro.
 “Consistent Query Answering over Inconsistent Databases”.
International Conference on Knowledge-Based Intelligent Information & Engineering Systems (KES), pp. 17–28, 2009.

- 43** Cristian Molinaro.
“Polynomial Time Queries over Inconsistent Databases”.
International Conference on Scalable Uncertainty Management (SUM), pp. 312–325, 2008.
- 44** Sergio Greco and Cristian Molinaro.
“Approximate Probabilistic Query Answering over Inconsistent Databases”.
International Conference on Conceptual Modeling (ER), pp. 311–325, 2008.
- 45** Sergio Greco and Cristian Molinaro.
“Towards Relational Inconsistent Databases with Functional Dependencies”.
International Conference on Knowledge-Based and Intelligent Information & Engineering Systems (KES), pp. 695–702, 2008.
- 46** Sergio Greco and Cristian Molinaro.
“Querying and Repairing Inconsistent Databases Under Three-Valued Semantics”.
International Conference on Logic Programming (ICLP), pp. 459–471, 2007.
- 47** Luciano Caroprese, Sergio Greco, and Cristian Molinaro.
“Prioritized Active Integrity Constraints for Database Maintenance”.
International Conference on Database Systems for Advanced Applications (DASFAA), pp. 149–164, 2007.
- 48** Sergio Greco, Cristian Molinaro, and Francesco Parisi.
“Preference rules in Database Querying”.
International Conference on Enterprise Information Systems (ICEIS), pp. 119–124, 2007.
- 49** Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
“Implementation and Experimentation of the Logic Language NP Datalog”.
International Conference on Database and Expert Systems Applications (DEXA), pp. 622–633, 2006.
- 50** Luciano Caroprese, Cristian Molinaro, and Ester Zumpano.
“Integrating and Querying P2P Deductive Databases”.
International Database Engineering and Applications Symposium (IDEAS), pp. 285–290, 2006.

5.3 Books

- 51** Gerardo I. Simari, Cristian Molinaro, Maria Vanina Martinez, Thomas Lukasiewicz, and Livia Predoiu.
“Ontology-Based Data Access Leveraging Subjective Reports”.
Springer Briefs in Computer Science, Springer, ISBN 978-3-319-65228-3, 2017.
- 52** Sergio Greco and Cristian Molinaro.
“Datalog and Logic Databases”.
Synthesis Lectures on Data Management, Morgan & Claypool Publishers, 2015.
- 53** Maria Vanina Martinez, Cristian Molinaro, V. S. Subrahmanian, and Leila Amgoud.
“A General Framework for Reasoning On Inconsistency”.
Springer Briefs in Computer Science, Springer, ISBN 978-1-4614-6749-6, pp. i-vii, 1-45, 2013.

54 Sergio Greco, Cristian Molinaro, and Francesca Spezzano.
“Incomplete Data and Data Dependencies in Relational Databases”.
Synthesis Lectures on Data Management, Morgan & Claypool Publishers, 2012.

5.4 Book Chapters

55 John Grant, Maria Vanina Martinez, Cristian Molinaro, and Francesco Parisi.
“On Measuring Inconsistency in Spatio-Temporal Databases”.
Measuring Inconsistency in Information, 2018.

56 Marco Calautti, Luciano Caroprese, Bettina Fazzinga, Sergio Flesca, Filippo Furfaro, Sergio Greco, Cristian Molinaro, Francesco Parisi, Andrea Pugliese, Domenico Saccà, Irina Trubitsyna, and Ester Zumpano.
“Dealing with Inconsistency in Databases: An Overview”.
A Comprehensive Guide Through the Italian Database Research, pp. 143–167, 2018.

57 Thomas Lukasiewicz, Maria Vanina Martinez, Cristian Molinaro, Livia Predoiu, and Gerardo I. Simari.
“Ranking Answers to Datalog+/- Ontologies based on Trust and Reliability of Subjective Reports”.
Computational Models of Rationality, pp. 175–194, 2016.

58 Massimiliano Albanese, Rober F. Erbacher, Sushil Jajodia, Cristian Molinaro, Fabio Persia, Antonio Picariello, Giancarlo Sperli, and V. S. Subrahmanian.
“Recognizing Unexplained Behavior in Network Traffic”.
Network Science and Cybersecurity, Volume 55 of Advances in Information Security, pp. 39–62, Springer, 2014.

59 Sergio Greco, Cristian Molinaro, Irina Trubitsyna, and Ester Zumpano.
“On the implementation of a logic language for NP search and optimization problems”.
Handbook of Research on Innovations in Database Technologies and Applications: Current and Future Trends, pp. 798–804, 2009.

60 Luciano Caroprese, Cristian Molinaro, Irina Trubitsyna, and Ester Zumpano.
“Consistent Queries over Databases with Integrity Constraints”.
Database Technologies: Concepts, Methodologies, Tools, and Applications, pp. 2051–2058, 2009.

5.5 National Conference and Workshop Proceedings

61 Nicola Fiorentino, Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
“A System Prototype for Approximate Query Answering over Incomplete Data”.
Italian Symposium on Advanced Database Systems (SEBD), 2019.

62 Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
“Approximate Query Answering over Inconsistent Knowledge Bases.”.
Italian Symposium on Advanced Database Systems (SEBD), 2018.

- 63** Thomas Lukasiewicz, Enrico Malizia, Cristian Molinaro.
 “Complexity of Approximate Query Answering under Inconsistency in Datalog+/-”.
Italian Symposium on Advanced Database Systems (SEBD), 2018.
- 64** Letizia Tanca, Paolo Atzeni, Davide Azzalini, Ilaria Bartolini, Luca Cabibbo, Luca Calderoni, Paolo Ciaccia, Valter Crescenzi, Juan Carlos De Martin, Selina Fenoglietto, Donatella Firmani, Sergio Greco, Francesco Isgrò, Dario Maio, Davide Martinenghi, Maristella Matera, Paolo Merialdo, Cristian Molinaro, Marco Patella, Roberto Prevede, Elisa Quintarelli, Antonio Santangelo, Andrea Tagarelli, Guglielmo Tamburrini, and Riccardo Torlone.
 “Ethics-aware Data Governance (Vision Paper)”.
Italian Symposium on Advanced Database Systems (SEBD), 2018.
- 65** Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
 “Approximation Algorithms for Computing Certain Answers over Incomplete Databases”.
Italian Symposium on Advanced Database Systems (SEBD), pp. 243, 2017.
- 66** Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
 “Computing Approximate Certain Answers over Incomplete Databases”.
Alberto Mendelzon International Workshop on Foundations of Data Management and the Web (AMW), 2017.
- 67** Marco Calautti, Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
 “Leveraging Equality Generating Dependencies for Chase Termination”.
Italian Symposium on Advanced Database Systems (SEBD), pp. 94–101, 2016.
- 68** Marco Calautti, Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
 “Rewriting-based Check of Chase Termination”.
Alberto Mendelzon International Workshop on Foundations of Data Management (AMW), 2015.
- 69** Marco Calautti, Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
 “Checking Termination of Datalog with Function Symbols Through Linear Constraints”.
Italian Symposium on Advanced Database Systems (SEBD), pp. 192–199, 2015.
- 70** Marco Calautti, Cristian Molinaro, Chiara Pulice, and Irina Trubitsyna.
 “Termination Criteria for Datalog with Function Symbols”.
Italian Symposium on Advanced Database Systems (SEBD), pp. 248–255, 2014.
- 71** Thomas Lukasiewicz, Maria Vanina Martinez, Cristian Molinaro, Livia Predoiu, and Gerardo I. Simari.
 “Answering Ontological Ranking Queries Based on Subjective Reports”.
Workshop on Logics for Reasoning about Preferences, Uncertainty, and Vagueness (PRUV), pp. 127–140, 2014.
- 72** Marco Calautti, Sergio Greco, Cristian Molinaro, and Irina Trubitsyna.
 “Towards decidable classes of logic programs with function symbols”.
International Workshop on Termination (WST), pp. 20–25, 2013.

- 73** Sergio Greco, Cristian Molinaro, Francesca Spezzano, and Irina Trubitsyna.
“Querying and Updating Inconsistent Databases (Extended Abstract)”.
Italian Symposium on Advanced Database Systems (SEBD), pp. 438–445, 2010.
- 74** Cristian Molinaro, Francesca Spezzano, and Sergio Greco.
“A System Prototype for Computing Probabilistic Query Answers over Inconsistent Databases”.
Italian Symposium on Advanced Database Systems (SEBD), pp. 9–20, 2009.
- 75** Sergio Greco, Cristian Molinaro, and Francesco Parisi.
“Exploiting Preference Rules for Querying Databases”.
Italian Symposium on Advanced Database Systems (SEBD), pp. 405–413, 2007.
- 76** Cristian Molinaro, Sergio Greco, and Luciano Caroprese.
“Prioritized Active Integrity Constraints for Database Maintenance”.
Italian Symposium on Advanced Database Systems (SEBD), pp. 20–31, 2006.