Marianna Nicolosi Asmundo

Curriculum Vitae et Studiorum

Current position

October 2022 – today	**Associate professor S.S.D. MAT/01 Mathematical Logic**, *by the University of Catania, Department of Mathematics and Computer Science*
September 2021 – September 2022	**Assistant professor S.S.D. MAT/01 Mathematical Logic**, *by the University of Catania, Department of Mathematics and Computer Science*
November 2007 – August 2021	**Assistant professor S.S.D. S.S.D. INF/01 Computer Science**, *by the University of Catania, Department of Mathematics and Computer Science*

Qualifications

September 2019	**Abilitation to role of Associate Professor S.C. 01/A1** S.S.D MAT/01 Mathematical Logic ASN 2018-2020.
January 2003	**Ph.D. in Computer Science**, *by the University of Catania* Thesis: "Consistent Composition of Abstract State Machines Models"
luglio 1997	**Degree in Computer Science**, *by the University of Catania*, final vote 110/110 magna cum laude Thesis: "Skolemizzazione Globale di Formule della Logica del I Ordine"
July 1992	**Classical high school diploma**, *by Liceo Classico Nicola Spedalieri*, Catania, final vote 60/60

Teaching activity

○ 2022/2023
  - *Mathematical Logic*, Degree Course Magistrale in Mathematics, University of Catania, 6 CFU.
  - *Informatics II*, Degree Course of first level in Mathematics, University of Catania, 6 CFU.
  - *Web Reasoning*, Degree Course Magistrale in Computer Science, University of Catania, 6 CFU.
  - *Ontologies and Semantic Web*, Degree Course Magistrale in Sciences of Text for Digital Profession, University of Catania, 6 CFU.
○ 2021/2022

- *Mathematical Logic*, Degree Course Magistrale in Mathematics, University of Catania, 6 CFU.
- *Informatics II*, Degree Course of first level in Mathematics, University of Catania, 6 CFU.
- *Web Reasoning and Laboratory*, Degree Course Magistrale in Computer Science, University of Catania, 9 CFU.
- *Ontologies and Semantic Web*, Degree Course Magistrale in Sciences of Text for Digital Profession, University of Catania, 6 CFU.
○ 2020/2021
- *Informatics II*, Degree Course of first level in Mathematics, University of Catania, 6 CFU.
- *Web Reasoning e Laboratorio*, Corso di Laurea Magistrale in Informatica, Università di Catania, 9 CFU.
- *Ontologies and Semantic Web*, Degree Course Magistrale in Sciences of Text for Digital Profession, University of Catania, 6 CFU.
○ 2019/2020:
- *Informatics II*, Degree Course of first level in Mathematics, University of Catania, 6 CFU.
- *Web Reasoning and Laboratory*, Degree Course Magistrale in Computer Science, University of Catania, 9 CFU.
- *Informatics*, Degree Course in Sciences and languages for the communication, University of Catania, 4 CFU.
- Seminar activity in the ambit of the course *Limiti di successioni di insiemi ben fondati: un varco di accesso agli iperinsiemi*, Scuola Superiore di Catania A.A. 2019–2020 (4 hours).
○ 2018/2019:
- *Informatics II*, Degree Course of first level in Mathematics, University of Catania, 6 CFU.
- *Web Reasoning and Laboratory*, Degree Course Magistrale in Computer Science, University of Catania, 9 CFU.
- *Informatics*, Degree Course in Sciences and languages for the communication, University of Catania, 4 CFU.
○ 2017/2018:
- *Informatics II*, Degree Course of first level in Mathematics, University of Catania, 6 CFU.
- *Web Reasoning and Laboratory*, Degree Course Magistrale in Computer Science, University of Catania, 9 CFU.
- Seminar activity in the ambit of the course *Introduction to computational complexity*, Scuola Superiore di Catania A.A. 2017–2018 (9 hours).
○ 2016/2017:
- *Web Reasoning and Laboratory*, Degree Course Magistrale in Computer Science, University of Catania, 9 CFU.
○ 2015/2016:
- *Computer Skills*, Degree Course Magistrale in Sciences for environmental protection (STA), University of Catania, 2 CFU.
○ 2014/2015:
- *Computer Skills*, Degree Course Magistrale in Sciences for environmental protection (STA), University of Catania , 2 CFU.
- *Computational Logic*, Degree Course Magistrale in Computer Science, University of Catania, 9 CFU.
○ 2013/2014:
- *Computational Logic*, Degree Course Magistrale in Computer Science, University of Catania, 9 CFU.

- Exercises of *Theory of Computability*, Degree Course of first level in Computer Science and Degree Course Magistrale in Computer Science.
○ 2012/2013:
  - *Computational Logic*, Degree Course Magistrale in Computer Science, University of Catania, 9 CFU.
  - Exercises of *Theory of Computability*, Degree Course of first level in Computer Science and Degree Course Magistrale in Computer Science.
○ 2011/2012:
  - *Computational Logic*, Degree Course Magistrale in Computer Science, University of Catania, 9 CFU.
○ 2010/2011:
  - *Computational Logic*, Degree Course Magistrale in Computer Science, University of Catania, 9 CFU.
○ 2009/2010:
  - *Computational Logic*, Degree Course Magistrale in Computer Science, University of Catania, 9 CFU.
  - *Theoretical Basis of Computer Science*, Degree Course of first level in Computer Science, University of Catania, 3 CFU.
○ 2008/2009:
  - *Computational Logic*, Degree Course Magistrale in Computer Science, University of Catania, 9 CFU.
  - *Software Project*, Degree Course of first level in Computer Science, University of Catania, 6 CFU.
○ 2007/2008:
  - *Software Project*, Degree Course of first level in Computer Science, University of Catania, 6 CFU.
  - Seminar activity on *semantics and programs verification* (2 CFU) in the ambit of the course *Computational Logic*, Degree Course Specialistic in Computer Science, University of Catania.
○ 2006/2007:
  - Seminar activity on *semantics and programs verification* (2 CFU) in the ambit of the course *Computational Logic*, Degree Course Specialistic in Computer Science, University of Catania.
○ 2005/2006:
  - Seminar activity in the ambit of the course *Selected arguments of theoretical computer science II*, Ph.D. Course in Computer Science, University of Catania.

    Arguments: First-order procedure of Davis, Putnam, Logemann and Loveland (DPLL). SAT Solvers. First-order proof procedure FDPLL. Main parts for constructing a proof: unification, splitting, treatment of variables, definition of semantic tree, of interpretation and of proof. Introduction of the calculus of sequents. Brief introduction to Skolemization and to Hilbert's epsilon-calculus. Application of global Skolemization to semantic tableaux: the delta**-rule. Hints to further results (meta delta-rule).
○ 2004/2005:
  - Seminar activity in the ambit of the course *Selected arguments of theoretical computer science II*, Ph.D. Course in Computer Science, University of Catania.

    Arguments: Semantic Tableaux. State of the art and strategies for the mechanization of proofs. Introduction of sequents and cut rule. Relation between fra tableaux and sequents. Cut rule for tableaux. Hauptsatz for tableaux. Considerations on the application of the cut in

automated deduction. Efficient extensions of tableaux: the KE system, tableaux with lemmas, tableaux with merging and regularity. Non clausal tableaux for first order logic (ground and free variables): definition, strategies of proof search, optimizations (delta-rule, links, regularity, universal formulae, pruning). Clausal tableaux for first order logic: definition, strategies of proof search, optimizations (elimination of tautologies and of subsumptions, local variables). Definition of a generic correct delta-rule. Instantiation of the correct generic delta rule to the versions present in the literature. Localization of errors (making variants not correct) and their repair.

Research projects

2009 **Programma Giovani Ricercatori 2009 INDAM-GNCS**, *Responsible for the project*
Object of the research: Referee/Aetnanova verifier and decidibility problems in the logic of binary relations and in set theory.

2008 **Programma Giovani Ricercatori 2008 INDAM-GNCS**, *Responsible for the project*
Object of the research: translation algorithms for the map calculus.

1999 **Iniziative di ricerca diffusa – Progetto Giovani Ricercatori, University of Catania**, *Responsible for the project*
Object of the research: integration of ASM specifications of distributed evolving software systems.

She participated to the following projects:

2022 **Progetto PRIN GodScapes**
In this project she is responsible for the realization of a suite of OWL ontologies to represent and store data on ancient forms of religion in the Eastern Mediterranean.

2021 **Progetto BioSpec**
In this project she is responsible for the realization of OWL ontologies and of SWRL rules for the representation of knowledge and reasoning in the ambit of biomedic banks.

2020-22 **Programma PIACERI unict**
In this project she is responsible for the definition of OWL ontologies and of SWRL rules for the representation of knowledge and reasoning in archaeology.

2018–2019 **Progetto CLARA - CLoud plAtform and smart underground imaging for natural Risk Assessment**
Project founded by MIUR to develop sensors, technologies and innovative systems for a non invasive diagnosis of the underground to mitigate seismic and hydrogeological risk in urban areas.

2017–2019 **Progetto di Dipartimento, Piano della Ricerca 2016/2018, linea di interv. 2**
Object of the research: Advances in Computational Logic, Algorithms, and Cryptography. Responsible of the project prof. Mario Di Raimondo, University of Catania.

2016–2017 **Progetto INDAM-GNCS**
Object of the research: Efficient String Matching on Natural Languages. Responsible prof. Simone Faro, University of Catania.

2015–2017 **Progetto FIR**
COMPACT: Computazione affidabile su testi firmati. Responsible prof. Dario Catalano, University of Catania.

2014–2015 **Progetto INDAM-GNCS**

Object of the research: Reactive automata and their simulations in the ambit of Non Standard (Secure) Text processing. Responsible prof. Simone Faro, University of Catania.

2013–2014 **Progetto INDAM-GNCS**

Object of the research: Specification and verification of algorithms via instruments based of set theory. Responsible prof. Eugenio Omodeo, University of Trieste.

2013–2017 **Project grant MAESTRO 1 nr 2011/02/A/HS1/00395**, funded by the National Science Center (NCN), Poland

Title of the project: Logics for qualitative reasoning. Responsible prof. Joanna Golińska-Pilarek, University of Warsaw, Poland.

2012–2015 **Progetto PON04a2_A**

Title of the project: PRISMA – PiattafoRme cloud Interoperabili per SMArt government.

2012–2015 **Progetto PO FESR Sicilia 2007/2013**

Title of the project: PRIME – Piattaforma di Reasoning Integrata, Multimedia, Esperta.

2012–2013 **Progetto INDAM-GNCS**

Object of the research: Executable set theoretical specifications and their formal verification. Responsible prof. Gianfranco Rossi, University of Parma.

2010–2011 **Progetto di Ricerca di Ateneo – PRA 2008**

Title of the project: Ulteriori sviluppi in informatica teorica e relative metodologie di progettazione: algoritmi, crittografia, deduzione automatica e metodi formali, architetture distribuite e software. Coordinator responsible prof. Domenico Cantone, University of Catania.

2009–2010 **Progetto di Ricerca di Ateneo – PRA 2007**

Title of the project:Sviluppi in informatica teorica e relative metodologie di progettazione: algoritmi, crittografia, deduzione automatica e metodi formali, architetture distribuite e software. Coordinator responsible prof. Domenico Cantone, University of Catania.

2008–2009 **Progetto di Ricerca di Ateneo – PRA 2006**

Title of the project: Nuovi sviluppi in informatica teorica e relative metodologie di progettazione: algoritmi, crittografia, deduzione automatica e metodi formali, architetture distribuite e software. Coordinator responsible prof. Domenico Cantone, University of Catania.

2006–2007 **Progetto MIUR cofinanziato**

Title of the project: Large-scale development of certified mathematical proofs, n. 2006012773. National scientific responsible prof. Eugenio Omodeo, University of Trieste.

2005–2006 **European Project INTAS**

Title of the project: Algebraic and Deduction Methods in Non-classical Logics and their applications to Computer Science.

Participation to groups, associations, research centers, editorial boards of scientific journals

July 2016 – Oggi **Centro Interdipartimentale di Informatica Umanistica (CINUM)**, *proponent member*

December 2015–Oggi **Centro di Matematica per la Tecnologia Angelo Marcello Anile**

December 2009–December 2021	**Consiglio Direttivo del GULP – Gruppo Ricercatori e Utenti Logic Programming**
January 2006–Today	**GNCS – Gruppo Nazionale per il Calcolo Scientifico (INDAM)**
January 2005–Today	**AAR – Association for Automated Reasoning**

Periods of study and research in foreign institutes

October 2014	**Visit to prof. Ewa Orłowska, Institute of Telecomunication of Warsaw**, Poland In this visit we studied some logics for qualitative reasoning and an inconsistency-tolerant description logic.
June 2013	**Visit to prof. Ewa Orłowska, Institute of Telecomunication of Warsaw**, Poland In this visit we started studying decidability of fragments of the logic of binary relations admitting relational entailment.
October 2011	**Visit to prof. Ewa Orłowska, Institute of Telecomunication of Warsaw**, Poland In this visit, we considered some fragments of the logic of binary relations permitting to express some modal and description logics. Talk invited by Prof. Orłowska to give a seminar by the University of Warsaw entitled: "Decision procedures based on dual tableaux for some logics of binary relations".
September 2009	**Visit to prof. Ewa Orłowska, Institute of Telecomunication of Warsaw**, Poland In this visit we considered some relational fragments, and defined for them suitable decision procedures based on dual tableaux.
January 2000–May 2000	**Period of study by the University of Toronto**, Canada In the ambit of her Ph.D. course in Computer Science she collaborated with proff. Marsha Chechik e Steve Easterbrook of the research group of Formal Methods of the Department of Computer Science, on the problem of treating inconsistencies via multi-valued logics in distributed formal models.
November 1998–December 1998	**Period of study by the l'University of Karlsruhe**, Germany In the ambit of Vigoni Programme she worked in the Institute of Logic, Complexity and Deduction Systems collaborating with the research group of prof. Peter H. Schmitt considering a technique for elimination of quantifiers introduced by Martin Davis.

Contracts

February 2007–April 2007	**Contract of collaboration coordinated and continuative with the University of Udine** Realization of a web site for the organization and usage of knowledge on non-classical logics , in the ambit of the INTAS project "Algebraic and deduction methods in non-classical logic and their applications to computer science".
September 2001–January 2002	**Contract of collaboration with the University of di Catania** Activity of training for local senior administratives for the management of databases via informatic systems.

Other scientific, teaching and management activities

○ Activity of revision for the journals: Journal of Automated Reasoning, Fundamenta Informaticae, Logic Journal of IGPL, Journal of Logic and Computation.

○ Realization of the reasoner for description logics based on a decidable fragment of set theory called 4LQSR. The reasoner can be found at the link: https://github.com/dfsantamaria/DL4xD-Reasoner.

○ Co-tutor, together with prof. Domenico Cantone, of dott. Daniele Francesco Santamaria, in his Ph.D. in Computer Science and Mathematics, cicle XXXI, Curriculum in theoretical computer science and design of algorithms.

○ Co-tutor, together with prof. Domenico Cantone of dott. Daniele Francesco Santamaria with respect to his research activity in the ambit of a research fellowship on the argument "Ragionamento automatico per il Semantic Web, basato su tecniche della teoria degli insiemi, e applicazioni su ontologie web sviluppate nell'ambito di sistemi multi-agente, smart contract e tecnologie Blockchain" (2020-2021).

○ Activity of training for teachers of secondary schools of secondary degree (licei classici e scientifici) in the ambit of the project "Liceo Matematico", www.liceomatematico.it, started by the Department of Mathematics and Computer Science of the University of Catania.

○ Member of collegio dei docenti del Dottorato di Ricerca in Informatica (INF01), University of Catania, cicles XXIII, XXIV, XXV, XXVI, XXVII, XVIII (from november 2009 to october 2015).

○ Member of Giunta del Dipartimento di Matematica e Informatica from 1/11/2008 to 31/10/2016.

○ Member of Commissione per la valutazione ANVUR 2004-2010 del Dipartimento di Matematica e Informatica (appointment onl 19/10/2011).

○ Responsible of a third party agreement between Dipartimento di Matematica e Informatica dell'Università di Catania and the Società per Azioni "SICILIAN WHEAT BANK SPA"

Scholarships

December 2004– November 2006	**Post Doc Scholarship**, *of the University of Catania by the Department of Mathematics and Computer Science* Title of the research project: "Un metodo generale di eliminazione dei quantificatori per problemi di combinazione nel ragionamento automatico".
September 2002–August 2004	**Post degree Scholarship**, *of Consiglio Nazionale delle Ricerche by the Department of Mathematics and Computer Science of the University of Catania* Title of the research project: "Un approccio formale per la composizione di modelli consistenti usando Abstract State Machines".
November 1997– October 2001	**MURST Scholarship**, *to attend the Ph.D. course in Computer Science by the University of Catania, XIII cicle*

Conferences

Organization:

2022	**Responsible of the organizing and programme committee (CHAIR) of SWODCH 2022, International Joint Workshop on Semantic Web and Ontology Design for Cultural Heritage**, *co-located with the 26th European Conference on Advances in Databases and Information Systems (ADBIS 2022),*, Turin, Italy, 5 September 2022

2021 **Responsible of the organizing and programme committee (CHAIR) of SWODCH 2021, International Joint Workshop on Semantic Web and Ontology Design for Cultural Heritage**, , *Bolzano, Italy,*, on 21 and 22 september 2021

2019 **Responsible of the organizing and programme committee (CHAIR) of WODHSA 2019, First International Workshop on Ontologies for Digital Humanities and their Social Analysis. WODHSA 2019 was part of the Fifth Joint Ontology Workshops (JOWO 2019) Episode V: The Styrian Autumn of Ontology**, *Graz, Austria*, from 23 to 25 September 2019

2013 **Responsible of the organizing and programme committee (CHAIR) of CILC 2013, 28-esimoConvegno Italiano di Logica Computazionale**, *Catania, Italy*, from 25 to 27 September 2013

2016 **Member of the organizing committee of GandALF 2016 - The Seventh International Symposium on Games, Automata, Logics and Formal Verification**, *Catania, Italy*, from 14 to 16 September 2016

Member of the program committee of:

AIUDC 2020 **Convegno dell'associazione italiana per l'Informatica umanistica e la cultura**, *Milan, Italy*, 15-17 January 2020

ICKG 2020 **the 11th IEEE International Conference on Knowledge Graph**, *Nanjing, China*, 9-11 August 2020

CILC 2016 **Convegno Italiano di Logica Computazionale**, *Milan, Italy*, 20-22 June 2016

OKOA 2016 **The 2nd Open Knowledge - Open Arts Workshop**, *Catania, Italy*, 26-27 February 2016

LQMR 2015 **First Workshop on Logics for Qualitative Modelling and Reasoning colocated with FEDERATED CONFERENCE ON COMPUTER SCIENCE AND INFORMATION SYSTEMS (FEDCSIS 2015)**, *Lodz, Poland*, 13 –16 September 2015

CILC 2015 **Convegno Italiano di Logica Computazionale**, *Genoa Italy*, 1-3 July 2015

CILC 2014 **Convegno Italiano di Logica Computazionale**, *Turin, Italy*, 16-18 June 2014

CILC 2013 **Convegno Italiano di Logica Computazionale**, *Catania, Italy*, 25-27 September 2013

CILC 2012 **Convegno Italiano di Logica Computazionale**, *Rome, Italy*, 6-7 June 2012

CILC 2011 **Convegno Italiano di Logica Computazionale**, *Pescara, Italia*, 31 agosto-2 settembre 2011

CILC 2009 **Convegno Italiano di Logica Computazionale**, *Ferrara, Italia*, 25-26 giugno 2009

CILC 2008 **Convegno Italiano di Logica Computazionale**, *Perugia, Italy*, 10-12 July 2008

CILC 2007 **Convegno Italiano di Logica Computazionale**, *Messina, Italy*, 21-22 June 2007

Participation to conferences:

5 September 2022 **International Joint Workshop on Semantic Web and Ontology Design for Cultural Heritage, SWODCH 2022**, *Turin, Italy*

20 and 21 September 2021	**International Joint Workshop on Semantic Web and Ontology Design for Cultural Heritage, SWODCH 2021**, *Bolzano, Italy*
13 September 2021	**5th Workshop on foundational ontologies, FOUST 2021**, *Bolzano, Italy*
13-15 October 2020	**Convegno Italiano Logica Computazionale, CILC 2020**, *Rende, Italy*
19-21 June 2019	**Convegno Italiano Logica Computazionale, CILC 2019**, *Trieste, Italy* Presentation of: "An Ontology for Legacy Data on Ancient Ceramics of the Plain of Catania", In CEUR Workshop Proceedings Vol. 2396, pp. 59-67
20-22 September 2018	**Convegno Italiano Logica Computazionale, CILC 2018**, *Neaples, Italy* Presentation of: "A Set-Based Reasoner for the Description Logic DL4,xD", già pubblicato in 3rd International Workshop on Sets and Tools co-located with the 6th International ABZ Conference (ABZ 2018), CEUR Workshop Proceedings, Vol-2199, pp 52-66.
26-28 September 2017	**Convegno Italiano Logica Computazionale, CILC 2017**, *Neaples, Italy* Presentation of: "A Set-Theoretic Approach to ABox Reasoning Services", already appeared in Proceedings of the International Joint Conference on Rules and Reasoning RuleML+RR 2017, Lecture Notes in Computer Science book series, vol. 10364, pp. 87-102.
21-23 September 2017	**Third edition of the Joint Ontology Workshops (JOWO 2017)**, *Bolzano, Italy* Presentation of: "The Shape of a Benedictine Monastery: The SaintGall Ontology". In CEUR Workshop Proceedings Vol. 2050.
07-09 September 2016	**17th Italian Conference on Theoretical Computer Science (ICTCS 2016)**, *Lecce, Italy* Presentation of: "Conjunctive Query Answering via a Fragment of Set Theory". In CEUR Workshop Proceedings Vol. 1720, pp. 23-35.
18 July 2014	**Workshop on Automated Deduction: Decidability, Complexity, Tractability - ADDCT 2014, affiliated to 7th International Joint Conference on Automated Reasoning (IJCAR) 2014**, *Vienna - Austria* Presentation of: "On dual tableau-based decision procedures for relational fragments"
16-18 June 2014	**Convegno Italiano Logica Computazionale, CILC 2014**, *Turin - Italy* Presentation of: "A Dual Tableau-based Decision Procedure for a Relational Logic with the Universal Relation". In CEUR Workshop Proceedings Vol. 1195, pp. 194-209.
11-13 June 2014	**International Conference on Hybrid Artificial Intelligence Systems, HAIS 2014**, *Salamanca - Spain* Presentation of: "A Relational Dual Tableau Decision Procedure for Multimodal and Description Logics".
14-17 April 2014	**XXV meeting of the Associazione Italiana Logica e Applicazioni, AILA 2014**, *Pisa - Italy* Presentation of: "A relational dual tableau procedure to decide some fragments of logic of relations".
20-21 April 2014	**Workshop project GNCS 2013 "Specifica e verifica di algoritmi tramite strumenti basati sulla teoria degli insiemi"**, *Udine - Italy* Presentation of: "Procedure di decisione basate sui tableaux duali per frammenti di logica relazionale".

19-20 June 2013	**Workshop on Applications of Logics in Artificial Intelligence, ALAI 2013**, *Warsaw - Poland*
	Invited relation: "Dual Tableau Decision Procedures for Some Fragments of Relational Logic".
06-07 June 2012	**Convegno Italiano di Logica Computazionale, CILC 2012**, *Rome - Italy*
	Presentation of: "On the elimination of quantifiers through descriptors in predicate logic". In CEUR Workshop Proceedings Vol. 857, pp. 17-31.
12-15 September 2011	**Computer Science Logic, 25th International Workshop / 20th Annual Conference of the EACSL, CSL 2011**, *Bergen - Norvegia*
	Presentation of: "A Decidable Quantified Fragment of Set Theory Involving Ordered Pairs with Applications to Description Logics". Proceedings LIPIcs 12, Schloss Dagstuhl - Leibniz-Zentrum fuer Informatik 2011, ISBN 978-3-939897-32-3
31 August -02 September 2011	**Convegno Italiano di Logica Computazionale, CILC 2011**, *Pescara - Italy*
	Presentation of: "On the satisfiability problem for a 4-level quantified syllogistic and some applications to modal logic". In CEUR Workshop Proceedings Vol. 810. pp. 73-97
15 -17 September 2010	**Twelfth Italian Conference on Theoretical Computer Science, ICTCS 2010**, *Camerino - Italy*
	Presentation of: "A graphical representation of relational formulae with complementation"
07 -09 July 2010	**Convegno Italiano di Logica Computazionale, CILC 2010**, *Rende - Italy*
	Presentation of: "Dual Tableau-based Decision Procedures for Some Relational Logics". In CEUR Workshop Proceedings Vol. 598
24-26 June 2009	**Convegno Italiano di Logica Computazionale, CILC 2009**, *Ferrara - Italy*
	Presentation of: "A certification of Lagrange's theorem with the proof assistant AEtnanova/Referee".
10-12 July 2008	**Convegno Italiano di Logica Computazionale, CILC 2008**, *Perugia - Italia*
	Presentation of: "A graphical representation of relational formulae with complementation".
31 July –2 August 2008	**Conference AB 2008**, *RISC, Hagenberg, Austria*
1-15 August 2008	**Workshop Complexity, Expressibility and Decidability in Automated Reasoning (CEDAR 2008), affiliated to Fourth International Joint Conference on Automated Reasoning (IJCAR 2008)**, *Sydney - Australia*
	Presentation of: "On the satisfiability problem for a 3-level quantified syllogistic".
21-22 June 2007	**Convegno Italiano di Logica Computazionale (CILC 2007)**, *Messina - Italy*
	Presentation of: "On the satisfiability problem for a 3-level quantified syllogistic and applications".
15-16 February 2007	**Workshop INTAS "Algebraic and Deduction Methods in Non-classical Logics and their Applications to Computer Science,Automata, relations, and non-classical logics**, *Perugia - Italy*
	Presentation of: "Global Skolemization with grouped quantifiers".
26-27 June 2006	**Convegno Italiano di Logica Computazionale (CILC 2006)**, *Bari - Italy*
	Presentation of: "Skolem functions and Hilbert's ϵ-terms in Free Variable Tableau Systems".

18-19 June 2006	**Workshop INTAS "Algebraic and Deduction Methods in Non-classical Logics and their Applications to Computer Science**, *Olsztyn - Poland*
	Presentation of: "An efficient relational deductive system for propositional non-classical logics".
25-26 September 2006	**Workshop "WOA 2006"**, *Catania - Italy*
19-20 January 2006	**Convegno "Problemi e ricerche negli ultimi 50 anni in Geometria Algebrica, Algebra, Logica Matematica e Didattica della Matematica" Catania, in occasion of the disappearence of prof. Giovanni Dantoni**
14-17 September 2005	**International Workshop on First-Order Theorem Proving, FTP'05**, *Koblenz - Germania*
	Presentation of: "A Sound Framework for δ-Rule Variants in Free Variable Semantic Tableaux".
16-17 June 2005	**Workshop project TARSKI EU COST Action 274 Theory and Application of Relational Structures as Knowledge Instruments.**, *Belfast - United Kingdom*
	Presentation of: "A Sound Framework for δ-Rule Variants in Free Variable Semantic Tableaux".
31 March - 3 April 2005	**First World Congress and School on Universal Logic, UNILOG 2005**, *Montreux - Switzerland*
	Presentation of: "A General Rule for Existential Quantifiers Elimination in Free Variable Semantic Tableaux". In Handbook of the First World Congress and School on Universal Logic, Jean-Yves Beziau e Alexandre Costa-Leite editors.
12-13 September 2004	**Workshop TARSKI EU COST Action 274**, *Manchester - United Kingdom*
4-8 July 2004	**Second International Joint Conference on Automated Reasoning 2004**, *Cork - Ireland*
3-7 March 2003	10th **Tenth International Workshop on Abstract State Machines (ASM 2003)**, *Taormina - Italia*
	Presentation of: "Consistent Integration for Sequential Abstract State Machines."
3-8 March 2002	**Dagstuhl Seminar n. 02101, Theory and Application Of Abstract State Machines**, *Dagstuhl - Germania*
	Invited talk: "A consistent operation to compose Abstract State Machines and rigorous techniques to define, recognize and prove properties of distributed ASMs."
27-31 August 2001	**Fifth IEEE International Symposium on Requirements Engineering**, *Toronto - Canada*
	Presentation of: (doctoral symposium): "A Formal Approach for Specifications Composition and Inconsistency Handling Using ASMs."
19-23 February 2001	**Eight International Conference on Computer Aided Systems Theory and Technology "Eurocast 2001 - ASM track"**, *Las Palmas - Isole Canarie*
	Presentation of: "Using ASMs for Inconsistency Handling through ViewPoints Framework."

21-23 December 1998	**First Workshop of the co-financed project entitled: "Tecniche formali per la specifica, l'analisi, la verifica, la sintesi e la trasformazione di sistemi software"**, *Rome - Italy*
	Presentation of: "A Further and Effective Liberalization of the δ-rule in Free Variable Semantic Tableaux."
23-25 November 1998	**International Workshop on First-Order Theorem Proving, FTP 1998**, *Vienna - Austria*
	Presentation of: "A Further and Effective Liberalization of the δ-rule in Free Variable Semantic Tableaux."
16-19 giugno 1997	**Conference "APPIA-GULP PRODE 1997**, *Grado - Italy*

Lingue conosciute

Inglese	Livello: Buono
Tedesco	Livello: Elementare

18 giugno 2021   Marianna Nicolosi Asmundo