INFORMAZIONI PERSONALI

Mauro Ferrari

POSIZIONE RICOPERTA

Professore Ordinario SSD MAT/01 presso l'Università degli Studi dell'Insubria

ESPERIENZA PROFESSIONALE

2021-oggi	Membro della commissione per l'abilitazione scientifica nazionale per il settore concorsuale 01/A1 – Logica matematica e matematiche complementari
2018-oggi	Professore ordinario SSD MAT/01 – Università degli Studi dell'Insubria
Nov. 2018-oggi	Direttore del Dipartimento di Scienze Teoriche e Applicate dell'Università degli Studi dell'Insubria
Nov. 2018-oggi	Delegato del Magnifico Rettore per la Didattica e l'Innovazione
2016 – 2018 2006 – 2010	Presidente del Consiglio di Corso di Studio di Informatica (triennale e magistrale)
2004-2018	Professore associato SSD INF/01 – Università degli Studi dell'Insubria
2000-2004	Ricercatore universitario SSD INF/01 – Università degli Studi di Milano
1998-2000	Postdoc presso l'Università degli Studi di Milano

ISTRUZIONE E FORMAZIONE

1992-1997	Dottorato di ricerca in Informatica – Università degli Studi di Milano
1984-1990	Laurea in Scienze dell'Informazione – Università degli Studi di Milano
1984	Maturità scientifica

COMPETENZE PERSONALI

Lingua madre: ITALIANO

Altre lingue

	COMPRENSIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
INGLESE	B2	C1	B2	B2	C2

Competenze digitali

AUTOVALUTAZIONE				
Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi
Utente avanzato	Utente avanzato	Utente avanzato	Utente avanzato	Utente avanzato

Patente di guida B

ULTERIORI INFORMAZIONI

Pubblicazioni
Presentazioni
Progetti
Conferenze
Seminari
Riconoscimenti e premi
Appartenenza a gruppi / associazioni
Referenze
Menzioni
Corsi
Certificazioni

C. Fiorentini and M. Ferrari. A New Approach to Clausification for Intuitionistic Propositional Logic. In A. Dovier, A. Formisano, editors, Proceedings of the 38th Italian Conference on Computational Logic - CILC 2023, volume 3428 of CEUR Workshop Proceedings, 2023.

C. Fiorentini and M. Ferrari. SAT-based Proof-search in Intermediate Propositional Logics, Automated Reasoning – 11th International Conference – IJCAR, J. Blanchette, L. Kovàcs and D. Pattinson, LNCS, volume 13385, pages 57-74, Springer, 2022.

C. Fiorentini and M. Ferrari. Forward refutation in for Gödel-Dummett logics. In R. Calegari, G. Ciatto and A. Omicini, editors, Proceedings of the 37th Italian Conference on Computational Logic - CILC 2022, volume 3204 of CEUR Workshop Proceedings, pages 171–185. CEUR-WS.org, 2022

C. Fiorentini and M. Ferrari, A forward internal calculus for model generation in S4, Journal of Logic and Computation, 31(3):771-796, 2021.

C. Fiorentini, M. Ferrari. Duality between unprovability and provability in forward refutation-search for Intuitionistic Propositional Logic, *ACM Transactions on Computational Logic (TOCL)*, 21(3):22:1-22:47, 2020.

C. Fiorentini and M. Ferrari. A natural deduction calculus for Gödel-Dummett logic internalizing proof-search control mechanisms. In F. Calimeri, S. Perri, and E. Zumpano, editors, Proceedings of the 35th Italian Conference on Computational Logic - CILC 2020, volume 2710 of CEUR Workshop Proceedings, pages 91–104. CEUR-WS.org, 2020

C. Fiorentini and M. Ferrari. Forward proof-search and countermodel construction in intui- tionistic propositional logic. In G. Cordasco, L. Gargano, and A. A. Rescigno, editors, Proceedings of the 21st Italian Conference on Theoretical Computer Science, volume 2756 of CEUR Workshop Proceedings, pages 230–235. CEUR-WS.org, 2020

M. Ferrari, C. Fiorentini. Goal-Oriented Proof-Search in Natural Deduction for Intuitionistic Propositional Logic. Journal of Automated Reasoning, 62(1):127-165, 2019.

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M. Ferrari, C. Fiorentini, G. Fiorino: Forward Countermodel Construction in Modal Logic K. In P. Felli and M. Montali, Eds, Proceedings of CILC 2018 - 33rd Italian Conference on Computational Logic - volume 2214 of CEUR Workshop Proceedings. CEUR-WS.org, pages 75–81, 2018.

C. Fiorentini and M. Ferrari. A Forward Unprovability Calculus for Intuitionistic Propositional Logic. In R. A. Schmidt and C. Nalon, editors, *TABLEAUX 2017*, LNCS, vol. 10501, pages 114–130. Springer International Publishing, 2017.

M. Ferrari, C. Fiorentini, and G. Fiorino. Proof-search in Hilbert calculi. In D. Della Monica and A. Murano and S. Rubin and L. Sauro, editors, *CILC 2017 Italian Conference on Computational Logic*, volume 1949 of CEUR Proceedings, ISBN/ISSN: 1613-0073, pages 301-305, 2017.

M. Ferrari, C. Fiorentini and G. Fiorino. JTabWb: a Java framework for implementing terminating sequent and tableau calculi. *Fundamenta Informaticae*, 150(1):119-142, 2017.

M. Ferrari and C. Fiorentini. Proof-search in natural deduction calculus for classical propositional logic. In H. De Nivelle, editor, *TABLEAUX 2015*, LNCS, vol. 9323, pages 237–252. Springer International Publishing, 2015

M. Ferrari, C. Fiorentini, and G. Fiorino. An Evaluation-Driven Decision Procedure for G3i. *ACM Transactions on Computational Logic (TOCL)*, 6(1):8:1–8:37, 2015.

M.Ferrari and G. Pighizzini. Dai fondamenti agli oggetti. Corso di programmazione Java. Quarta edizione. Pearson Italia, 2015.

M. Ferrari, C. Fiorentini, and G. Fiorino. A new refutation calculus with logical optimizations for PLTL. In IARIA, editor, COMPUTATION TOOLS 2015, pages 39–41, 2015.

M. Ferrari, C. Fiorentini, and G. Fiorino. JTabWb: a Java framework for implementing terminating sequent and tableau calculi. In L. Giordano, V. Gliozzi and G.L. Pozzato, editors, *CILC 2014 Italian Conference on Computational Logic*, volume 1195 of CEUR Proceedings, ISBN/ISSN: 1613-0073, pages 46-530, 2014.

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M. Ferrari, C. Fiorentini, and G. Fiorino. Contraction-free Linear Depth Sequent Calculi for Intuitionistic Propositional Logic with the Subformula Property and Minimal Depth Counter-Models. *Journal of Automated Reasoning*, 51(2):129-149, 2013.

M. Ferrari, C. Fiorentini, and G. Fiorino. Simplification Rules for Intuitionistic Propositional Tableaux. *ACM Transactions on Computational Logic (TOCL)*, 13(2), 2012.

M. Ferrari, C. Fiorentini, and G. Fiorino. BCDL: Basic Constructive Description Logic. *Journal of Automated Reasoning*, 44(4):371-399, 2010.

M. Ferrari, C. Fiorentini, and G. Fiorino. FCube: An Efficient Prover for Intuitionistic Propositional Logic. In C. G. Fermuller and A. Voronkov, editors, Logic for Programming, Artificial Intelligence, and Reasoning, LPAR-17, volume 6397, pages 294-301. Springer, 2010.

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L.Bozzato and M. Ferrari. A Note on Semantic Web Services Specification and Composition in Constructive Description Logics. arXiv:1007.2364, CoRR, pages 15, 2010.

L.Bozzato and M. Ferrari. Composition of Semantic Web Services in a Constructive Description Logic, In P. Hitzler and T. Lukasiewicz, editors, Web Reasoning and Rule Systems, RR 2010, volume 6333 of Lecture Notes in Computer Science, pages 223-226. Springer, 2010.

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L. Bozzato, M. Ferrari and P. Villa. A note on constructive semantics for description logics. Proceedings of CILC09, 24-esimo Convegno Italiano di Logica Computazionale. 2009.

M. Ferrari, C. Fiorentini, A. Momilgiano and M. Ornaghi. Snapshot generation in a constructive object-oriented modeling language. In A. King, editor Logic Based Program Synthesis and Transformation, LOPSTR 2007, Selected Papers, volume 4915 of Lecture Notes in Computer Science, pages 169-184. Springer-Verlag, 2008.

L. Bozzato, M. Ferrari, and A. Trombetta. Building a domain ontology from glossaries: a general methodology. In A. Gangemi and J. Keizer and V. Presutti and H. Stoermer, editors Proceedins of 2008 Semantic Web Applications and Perspectives, SWAP 2008, volume 426 of CEUR Proceedings, ISBN/ISSN: 1613-0073, pages 1-10, 2008.

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A. Avellone, M. Ferrari, and C. Fiorentini. A formal framework for synthesis and verification of logic programs. In K. K. Lau, editor, Logic Based Program Synthesis and Transformation, 10th International Workshop, LOPSTR 2000, Selected Papers, volume 2042 of Lecture Notes in Computer Science, pages 1-17. Springer-Verlag, 2001.

M. Ferrari, C. Fiorentini, and P. Miglioli. Extracting information from intermediate semiconstructive HA-systems. Mathematical Structures in Computer Science, 11:589-696, 2001.

A. Ciabattoni and M. Ferrari. Hypertableau and path-hypertableau calculi for some families of intermediate logics. In R. Dyckhoff, editor, TABLEAUX 2000, Automated Reasoning with Analytic Tableaux and Related Methods, volume 1947 of LNAI,

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A. Avellone, M. Ferrari and P. Miglioli. Duplication-free tableau calculi together with cut-free and contraction-free sequent calculi for the interpolable propositional intermediate logics, Technical Report 210-97, Dipartimento di Scienze dell'Informazione, Università degli Studi di Milano, Italy, 2000.

A. Avellone and M. Ferrari. Almost duplication-free tableaux calculi for propositional Lax logics. In P. Miglioli, U. Moscato, D. Mundici, and M. Ornaghi, editors, Proceedings of the 5th Workshop on Theorem Proving with Analytic Tableaux and Related Methods, volume 1071 of LNAI, pages 48-64. Springer-Verlag, 1996.

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M. Ferrari and P. Miglioli. A method to single out maximal propositional logics with the disjunction property I. Annals of Pure and Applied Logic, 76:1-46, 1995.

M. Ferrari and P. Miglioli. Counting the maximal intermediate constructive logics. Journal of Symbolic Logic, 58(4):1365-1401, 1993.

Dati personali

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 (Codice in materia di protezione dei dati personali) e sue successive modifiche e integrazioni, nonché del Regolamento UE 679/2016 (Regolamento Generale sulla Protezione dei dati o, più brevemente, RGPD).

Varese, 27/10/2023

Firmato Mauro Ferrari