

CURRICULUM VITAE

Paolo Aglianò

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Personal Information

- Full Name: Paolo Aglianò
- Date of birth: 12/08/1957
- Nationality: Italian

Education

- 1982: Laurea in Matematica, Università di Siena, Siena, Italy
- 1988: PhD in Mathematics, University of Hawaii, Honolulu, USA

Positions

- 1985-1989: Teaching Assistant, Department of Mathematics, University of Hawaii
- 1991-2000: Researcher, Dipartimento di Matematica, Università di Siena
- 2001-2013: Associate Professor, Dipartimento di Matematica, Università di Siena
- 2013-present: Associate Professor, Dipartimento di Ingegneria Informatica e Scienze Matematiche, Università di Siena

Research Interests

Universal Algebra and Algebraic Logic

Conference Talks (only a sample)

- *Ideals in Universal Algebra and Abstract Algebraic Logic*, Genova 1996
- *The Assertional Logic of a Variety*, Nashville 1996
- *Fregean Subtractive Varieties*, Barcelona 1997
- *The Principal Intersection Property: 25 years later* Klagenfurt 1997
- *Dual Generalized Discriminators*, Lisbon 1997
- *La Teoria degli Ideali e la Logica Algebrica*, Pontignano (Siena) 1998
- *Idempotent Discriminators*, Szeged 1998
- *Congruence Properties of Two-generated Varieties*, Wien 1999
- *Idempotent Discriminators: the news*, Budapest 1999
- *BL-algebras, an overview*, Torino 2004
- *Varieties of BL-algebras, “Coherence and Truth”* Siena 2015
- *An Algebraic Motivation for Loops*, Novi Sad 2017
- *Splitting in BL-algebras* Honolulu 2018
- *Splittings in GBL-algebras* Cagliari 2018
- *Three (or four) Properties of Divisible Residuated Semilattices*, Wien 2019
- *On Freese’s Amalgamation Technique*, Dresden 2019
- *Splittings in residuated lattices*, Siena 2020.

Papers

A short note on divisible residuated semilattices, *Soft Computing*, **24** (2020), 259–266.

Rotation logics, *Fuzzy Sets and Systems* **388** (2020), 1–25. (with S. Ugolini)

Distributivity and Varlet distributivity, to appear in *Proceedings of ASUBL 6*, (2020).

MTL-algebras as rotations of basic hoops, *J. Logic Comput.* **29** (2019), 763–784. (with S. Ugolini)

Splittings in GBL-algebras II: the representable case, *Fuzzy Sets and Systems* **373** (2019), 19–36.

Splittings in GBL-algebras I: the general case, *Fuzzy Sets and Systems* **373** (2019), 1–16.

Varieties of BL-algebras III: splitting algebras, *Studia Logica* **107** (2019), 1235–1259.

Varieties of BL-algebras II, *Studia Logica* **106** (2018), no. 4, 721–737, 10.1007/s11225-017-9763-7. (with F. Montagna)

Varieties of BL-algebras I, revisited, *Soft Computing* **21** (2017), 153–163.

Basic hoops: an algebraic study of continuous t -norms, *Studia Logica* **87** (2007), no. 1, 73–98. (with I.M.A. Ferreirim and F. Montagna)

Varieties of BL-algebras I: general properties, *J. Pure Appl. Algebra* **181** (2003), 105–129. (with F. Montagna)

Geometrical methods in Wajsberg hoops, *J. Algebra* **256** (2002), 352–374. (with G. Panti)

Congruence quasi-orderability in subtractive varieties, *J. Austral. Math. Soc.* **71** (2001), 421–446.

Fregean subtractive varieties with definable congruences, *J. Austral. Math. Soc.* **71** (2001), 353–366.

Congruence intersection properties for varieties of algebras, *J. Austr. Math. Soc.* **67** (1999), 104–121. (with K. Baker)

Congruence properties of two-generated varieties, *Contributions to General Algebra*, vol. 12, Verlag Johannes Heym, Klagenfurt, 1999. (with K. Baker)

Ternary deductive terms in residuated structures, *Acta Sci. Math. (Szeged)* **64** (1998), 397–429.

On subtractive weak Brouwerian semilattices, *Algebra Universalis* **38** (1997), 214–220.

On subtractive varieties IV: Definability of principal ideals, *Algebra Universalis* **38** (1997), 355–389. (with A. Ursini)

On subtractive varieties III: From ideals to congruences, *Algebra Universalis* **37** (1997), 296–333. (with A. Ursini)

On subtractive varieties II: General properties, *Algebra Universalis* **36** (1996), 222–259. (with A. Ursini)

Congruence semimodular varieties II: Regular varieties, *Algebra Universalis* **32** (1994), 270–296. (with K. Kearnes)

Congruence semimodular varieties I: Locally finite varieties, *Algebra Universalis* **32** (1994), 224–269. (with K. Kearnes)

Prime spectra in modular varieties, *Algebra Universalis* **30** (1993), 581–597.

Ideals and other generalizations of congruence classes, J. Aust. Math. Soc. **53** (1992), 103–115. (with A. Ursini)

On combinatorial inverse semigroups, Rendiconti Seminario Mat. (Torino) **50** (1992), 255–275.

The one-block property in varieties of semigroups, Semigroup Forum **42** (1991), 253–264.

Congruence semimodularity and identities, Algebra Universalis **27** (1990), 600–602.

The prime spectrum of a universal algebra, Riv. di Mat. Pura ed Appl. **5** (1989), 97–105.

Lattices of pseudovarieties, J. Austr. Math. Soc. **46** (1989), no. 2, 177–183. (with J.B. Nation)

Cosets in universal algebra, J. Algebra **107** (1987), 376–384. (with A. Ursini)