

# Francesco Antonio Genco

Date of birth: 7 August 1988

Place of birth: Forlì (FC), Italy

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Citizenship: Italian

Gender: male

Marital status: single

## Education

### **PhD Student (2014 – present)**

TU Wien (Vienna, Austria), Doctoral College Logical Methods in Computer Science, Institute of Logic and Computation, Theory and Logic Group (E192-05) Supervisor: Agata Ciabattoni

### **Master of Arts in Philosophy (2010 – 2013)**

University of Bologna, Department of Philosophy and Communication Sciences  
Final degree mark: cum laude  
Thesis title: Modal logic and independence friendly logic.  
Thesis subject: Logic | Supervisor: Giovanna Corsi

### **Bachelor of Arts in Philosophy (2007 – 2010)**

University of Bologna, Department of Philosophy and Communication Sciences  
Final degree mark: cum laude  
Thesis title: Prolog and ontologies as instruments to create knowledge bases.  
Supervisor: Maurizio Matteuzzi

## Publications

- [P.5] ***Hypersequents and Systems of Rules: Embeddings and Applications.*** (Agata Ciabattoni and Francesco A. Genco). *ACM Trans. Comput. Log. (TOCL)*, vol. 19, num. 2. 2018.
- [P.4] ***Gödel Logic: From Natural Deduction to Parallel Computation*** (Federico Aschieri, Agata Ciabattoni and Francesco A. Genco). *32nd Annual ACM/IEEE Symposium on Logic in Computer Science, LICS 2017, Reykjavik, Iceland, June 20-23, 2017*. pp. 1–12. IEEE Computer Society. 2017.
- [P.3] ***Understanding prescriptive texts: rules and logic elaborated by Mīmāṃsā school*** (Agata Ciabattoni, Elisa Freschi, Francesco A. Genco and Björn Lellmann). *Journal of World Philosophies*, vol. 2, num. 1, pp. 47–66. 2017.
- [P.2] ***Embedding formalisms: hypersequents and two-level systems of rules*** (Agata Ciabattoni and Francesco A. Genco). *Advances in Modal Logic*, vol. 11, pp. 197–216. 2016.
- [P.1] ***Mīmāṃsā deontic logic: proof theory and applications*** (Agata Ciabattoni, Elisa Freschi, Francesco A. Genco and Björn Lellmann). In Hans De Nivelle, editor, *Automated Reasoning with Analytic Tableaux and Related Methods, 24th International Conference, TABLEAUX 2015, Wrocław, Poland, September 21–24, 2015. Proceedings*, volume 9323 of *Lecture notes in Computer Science*, pp. 323–338. Springer, 2015.

## Talks

- [T.10] **Typing Parallelism and communication through hypersequents.** Given for the *Groupe de travail «Réalizabilité et théorie des types»*, 6 December 2017, IRIF laboratory, *Université Paris Diderot*, Paris, France.
- [T.9] **From hypersequents to parallel computation via systems of rules.** Given at the *Parsifal Seminar*, 29 November 2017, Parsifal group, Laboratoire d’Informatique (LIX), Inria Saclay - Île-de-France, France.
- [T.8] **Gödel Logic: From Natural Deduction to Parallel Computation.** Given at the conference *LICS 2017*, 21 June 2017, Reykjavik, Iceland.
- [T.7] **From Hypersequents to Parallel Computation.** Given at the Melbourne Logic Seminar, 24 February 2017, University of Melbourne, Australia.
- [T.6] **From Hypersequents to Parallel Computation.** Given at the Logic Seminar of the ANU College of Engineering and Computer Science, 8 February 2017, Australian National University, Canberra, Australia.

- [T.5] **Hypersequents and Systems of Rules: An Embedding.** Given at the meeting *Syntax Meets Semantics 2016*, 7 September 2016, University of Barcelona, Spain.
- [T.4] **Embedding Formalisms: Hypersequents and Two-Level Systems of Rules.** Given at the conference *Advances in Modal Logic*, 2 September 2016, Budapest, Hungary.
- [T.3] **Hypersequents and systems of rules: an embedding.** Given at the *3rd Postgraduate Conference SILFS*, 30 May 2016, University of Urbino, Italy.
- [T.2] *Mīmāṃsā deontic logic.* Given at the conference *Automated Reasoning with Analytic Tableaux and Related Methods (TABLEAUX 2015)*, 22 September 2015, University of Wrocław, Poland.
- [T.1] *Mīmāṃsā deontic logic: proof theory and applications.* Given at the affiliated meeting *Proof Theory of Modal and Non-Classical Logics* of the conference *15<sup>th</sup> Congress of Logic, Methodology and Philosophy of Science (CLMPS 2015)*. 7 August 2015, University of Helsinki, Finland.

## Event Organisation

### Second SYSMICS Meeting (February 26–28, 2018)

*Substructural logics: semantics, proof theory, and applications.* Vienna, Austria.

### ALCOP VII (April 7–9, 2016)

*Algebra and Coalgebra meet Proof Theory.* Vienna, Austria.

## Work Experience

### CINECA (November 2011 – February 2012)

Internship at the Information and knowledge management department of CINECA computing centre.

## Language skills

**Italian (native), English (expert), German (basic).**