

CV Alberto Naibo

PERSONAL DATA

Born December 29, 1983, Vittorio Veneto, Italy. Citizenship: Italian.

CONTACTS

Address (office): Department of Philosophy, University Paris 1 Panthéon-Sorbonne,
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CURRENT POSITION

Sept. 2014– Associate Professor (*Maître de conférences*), University Paris 1 Panthéon-Sorbonne.
Research laboratory: Institut d’Histoire et de Philosophie des Sciences et des Techniques (IHPST), 13 rue du Four, 75006 Paris.

PREVIOUS UNIVERSITY EMPLOYMENT

Jan.–Aug. 2014 Post-doctoral Researcher, ANR-DFG funded project *HYPOTHESES – Hypothetical reasoning: Its proof-theoretic analysis*, IHPST.

2012–2013 Temporary Lecturer (*Attaché temporaire d’enseignement et de recherche*), University Paris 1 Panthéon-Sorbonne.

2009–2012 Teaching Assistant (*Chargé de cours*), University Paris 1 Panthéon-Sorbonne.

EDUCATION

2008–2013 PhD in Philosophy, University Paris 1 Panthéon-Sorbonne.
Title: “Le statut dynamique des axiomes. Des preuves aux modèles.”
Supervisor: Jean-Baptiste Joinet.
Committee: Gilles Dowek, Jean Fichot, Mathieu Marion, Sara Negri, Pierre Wagner.

2005–2008 M.A. in Philosophy (*Laurea Specialistica in Scienze Filosofiche*), University of Bologna.

2006–2007 Erasmus student at the University of Paris 1 Panthéon-Sorbonne.

2002–2005 B.A. in Philosophy (*Laurea Triennale in Filosofia*), University of Bologna.

GRANTS AND FELLOWSHIP

2010–2011 Grant from the Finnish Centre for International Mobility (CIMO).

2008–2011 PhD Fellowship (*Allocation de recherche*), Department of Philosophy, University Paris 1 Panthéon-Sorbonne.

2006–2007 Erasmus Studentship.

VISITING EXPERIENCES

- Oct. 2010–Jan. 2011 Visiting researcher at the Department of Philosophy, University of Helsinki.
- Sept. 2010 Visiting researcher at the Department of Philosophy, Pontifical Catholic University of Rio de Janeiro.

PUBLICATIONS

Journal Articles

- “An intuitionistic logic for preference relations” (with Paolo Maffezioli). *Logic Journal of the IGPL*, vol. 27, n. 4 (2019), pp. 434–450.
- “Postponement of *raa* and the Glivenko’s theorem, revisited” (with Giulio Guerrieri). *Studia Logica*, vol. 107, n. 1 (2019), pp. 109–144.
- “Putnam-Dummett. Quelle logique pour quel réalisme?”. *Archives de Philosophie*, vol. 79, n. 4 (2016), pp. 693–720.
- “Convenzionalismo e costanti logiche” (with Paolo Maffezioli). *Post*, vol. 4 (2015), pp. 184–195.
- “Are uniqueness and deducibility of identicals the same?” (with Mattia Petrolo). *Theoria: A Swedish Journal of Philosophy*, vol. 81, n. 2 (2015), pp. 143–181.
- “Proof theory of epistemic logic of programs” (with Paolo Maffezioli). *Logic and Logical Philosophy*, vol. 23, n. 3 (2014), pp. 301–328.
- “The Church-Fitch knowability paradox in the light of structural proof-theory” (with Paolo Maffezioli and Sara Negri). *Synthese*, vol. 190, n. 14 (2013), pp. 2677–2716.

Book Chapters

- “The problem of harmony in classical logic” (with Giulio Guerrieri). In M. Blichka and I. Sedlár (eds.), *The Logica Yearbook 2019*, London: College Publications, *forthcoming*.
- “Qu’est-ce qu’une démonstration?” (with Jean Fichot). In F. Poggiolesi and P. Wagner (eds.), *Précis de philosophie de la logique*. Paris: Éditions de la Sorbonne, *in press*.
- “On the computational meaning of axioms” (with Mattia Petrolo and Thomas Seiller). In O. Pombo, A. Nepomuceno, J. Redmond (Eds.) *Epistemology, Knowledge and the Impact of Interaction*, Logic, Epistemology, and the Unity of Science, Vol. 38, pp. 141–184. Berlin: Springer, 2016.
- “Verificationism and classical realizability” (with Mattia Petrolo and Thomas Seiller). In Ç. Baskent (Ed.), *Perspectives on Interrogative Models of Inquiry*, Logic, Argumentation and Reasoning, Vol. 8, pp. 163–197. Berlin: Springer, 2016.
- “Constructibility and geometry”. In G. Lolli, M. Panza and G. Venturi (Eds.), *From Logic to Practice: Italian Studies in the Philosophy of Mathematics*, Boston Studies in the Philosophy and History of Science, Vol. 308, pp. 123–159. Berlin: Springer, 2015.

Interviews

- “Entretien avec Prof. Alberto Naibo”, by Pedro Bravo de Souza, *Kínesis. Revista de Estudos dos Pós-Graduandos em Filosofia* (Universidade Estadual Paulista), vol. 9, n. 20 (2017), pp. xxi–xli.

Translations

French translation of chapter 3 (*Objectivity without objects*) of Hilary Putnam, *Ethic without Ontology*, as part of a collective translation of the book, edited by P. Fasula and published in 2013 by Éditions du Cerf, Paris.

Reviews

Review of Nick Haverkamp, *Intuitionism vs. Classicism: A mathematical attack on classical logic* (with Mattia Petrolo). In *Revue philosophique de la France et de l'étranger*. vol. 141, n. 1 (2016), pp. 101–103

Review of Alain Lecomte, *Meaning, Logic and Ludics*. In *Mathématiques et Sciences humaines*, vol. 198, n. 2 (2012), pp. 85–87.

TALKS

Invited Talks (selection)

“Some very short remarks on deducibility of identicals and simple implication”, Mathematical and Logical Understanding and Formalization. Workshop in honor of Prof. Mitsuhiro Okada, IHPST, February 10, 2020.

“Logical constants from a computational point of view”, *PROGRAMme Workshop*, Centro Residenziale Universitario di Bertinoro, October 2, 2019.

“Constructions and proofs in Euclid’s geometry” (with Marco Panza), *Formalisation vs. Meaning in Mathematics: Formal theories as tools for understanding. Themes from the work of Göran Sundholm*, IHPST, June 13, 2019.

“Formalization and axiomatization: an intuitionistic approach to preference relations”, *Munich-Nancy Workshop*, Munich Centre for Mathematical Philosophy, May 26, 2019.

“Harmonie, stabilité et identité”, *Workshop Le même et l’autre: identité, orthogonalité, types*, University Lyon 3, November 5, 2018.

“Formalisme et philosophie formelle”, *Proto-Philo*, Université Paris 1 Panthéon-Sorbonne, April 4, 2018.

“Harmony, stability, and identity. Towards an intensional in proof-theoretic semantics”, *C-ALPHA Seminar*, University of Californie (Irvine), May 3, 2017.

“Representing inferences and proofs: the case of harmony and conservativity”, French-Japanese Workshop *On the Philosophy of Proofs*, Keio University (Tokyo), January 16, 2016.

“Putnam et la question de l’anti-réalisme logico-mathématique”, Workshop *Journée d’étude Putnam: autour de la traduction de « L’Éthique sans l’Ontologie »*, Université Paris 1 Panthéon-Sorbonne, May 9, 2015.

“Typed vs untyped proof theory”, French-Japanese Workshop *Logical Inference and Proofs*, Keio University (Tokyo), January 13, 2015.

“Logic and proofs in Euclid’s geometry”, Workshop *Ontological Commitments in Mathematics*, University of California Davis, February 23, 2015.

“From axioms to computation: A philosophical account of geometry of interaction”, Workshop *On Ludics and Philosophy*, Rome, June 26, 2014.

“Typed vs untyped proof theory”, Workshop *Functions, Proofs, and Constructions*, University of Tübingen, February 21, 2014.

Refereed Talks

“A formalization of logic and proofs in Euclid’s geometry”, *16th International Congress on Logic, Methodology and Philosophy of Science and Technology*, Prague, August 10, 2019.

“Stability in sequent calculus” (with Hidenori Kurokawa), *Proof-Theoretic Semantics. Assessment and Future Perspectives*, University of Tübingen, March 29, 2019.

“Logic and proofs in Euclid’s geometry”, *4th International Meeting of the Association for the Philosophy of Mathematical Practice (October 23-27, 2017)*, Universidade Federal de Bahia, Salvador, October 25, 2017.

“Representing inferences and proofs: the case of harmony and conservativity”, *15th Congress of Logic, Methodology and Philosophy of Science*, Helsinki, August 5, 2015.

“Typed vs untyped proof theory”, *16th ANPOF Meeting*, Campos do Jordão (Brazil), October 29, 2014.

“Proof theory of epistemic logic of programs”, *SILFS (Società Italiana di Logica e Filosofia della Scienza) Mid-term Conference*, University Milano Bicocca, November 21, 2012.

“A computational analysis of logical constants: From inferentialism to an untyped perspective” (with Mattia Petrolo), *Workshop on Logical Constants*, ESSLLI 2011, Ljubljana, August 11, 2011.

“Fitch’s paradox in the light of structural proof theory”, *14th Congress of Logic, Methodology and Philosophy of Science*, Nancy, July 22, 2011.

CONFERENCE AND SEMINAR ORGANIZATION (SELECTION)

2019 Co-organization of the seminar *Histoire et Philosophie de l’Informatique*, in collaboration with Liesbeth de Mol and Maël Pégny.

2018 Co-organization of the seminar *Histoire et Philosophie de l’Informatique*, in collaboration with Liesbeth de Mol and Maël Pégny.

2017 Co-organization of the symposium “Proof-theoretic semantics and the justification of logical laws”, *Triennial International Conference of the Italian Society for Logic and Philosophy of Science (SILFS)*, in collaboration with Mattia Petrolo, Bologna, June 20–23, 2017.

Co-organization of the conference *Beyond Logic*, in collaboration with Jean Fichot and Jean-Baptiste Joinet, Cerisy-la-Salle, May 22–27, 2017.

Co-organization of the seminar *Histoire et Philosophie de l’Informatique*, in collaboration with Liesbeth de Mol, Maël Pégny and Shahid Rahman.

2016 Member of the scientific committee of the *The Eighth French PhilMath Workshop (FPMW)*, Marseille, November 3-5, 2016.

Co-organization of the special session *History and Philosophy of Computing (HaPoC) at Computability in Europe 2016 (CiE 2016)*, in collaboration with Ksenia Tatarchenko, Paris, June 27–July 1, 2016.

- Co-organization of the seminar *Histoire et Philosophie de l'Informatique*, in collaboration with Liesbeth de Mol, Maël Pégny and Shahid Rahman.
- 2015 Member of the organizing committee of the *Seventh French Philosophy of Mathematics Workshop (FPMW)*, Paris, November 5–7, 2015.
- Member of the organizing committee of the *Third International Meeting of the Association for the Philosophy of Mathematical Practice (APMP)*, Paris, November 2–4, 2015.
- Co-organization of the conference *Representation and axiomatization: power and limits*, in collaboration with Marco Panza, Paris, March 19–21, 2015.
- Co-organization of the seminar *Interactions entre Informatique, logique et langage: Histoire et Philosophie*, in collaboration with Liesbeth de Mol, Mark van Atten and Shahid Rahman.
- 2014 Organization of the workshop *Form and structure in mathematical reasoning*, Paris, October 13–14, 2014.
- Co-organization of the conference *Hypotheses*, in collaboration with Jean Fichot and Mattia Petrolo, Paris, May 29–30, 2014.

REFEREEING EXPERIENCE

Refereeing for Journals:

Computability (1); *European Journal of Analytic Philosophy* (1); *Journal of Applied Non-Classical Logics* (1); *Philosophia Scientiae* (2); *Philosophical Studies* (1); *Review of Symbolic Logic* (2); *Revue philosophique de la France et de l'étranger* (1); *Synthese* (1); *Theoria: A Swedish Journal of Philosophy* (1).

Refereeing for Conferences and Proceedings:

ESSLLI 2019 Student Session, University of Latvia, 5–16 August, 2019.

Computability in Europe 2018, Kiel, July 30–August 3, 2018.

The 8th French PhilMath Workshop, Marseille, November 3–5, 2016.

Proceedings of the Third Symposium for the History and Philosophy of Programming, Paris, June 25, 2016.

The 35th Symposium on Theoretical Aspects of Computer Science (STACS), München, March 4–7, 2015.

Joint 25th Rewriting Techniques and Applications (RTA) & 12th Typed Lambda Calculi and Applications (TLCA), Wien, July 14–17, 2014.

Functions, Proofs, Constructions, organized by Luca Tranchini (Univ. Tübingen) and Marco Panza (IHPST, Univ. Paris 1), Tübingen, February 21–23, 2014.

Refereeing for Publishing Houses:

Éditions de la Sorbonne (1).

Refereeing for PhD Thesis:

Arnaud Valence, *Esquisse d'une dualité géométrico-algébrique pluridisciplinaire: la dualité d'Isbell (Outline of a pluridisciplinary geometrico-algebraic duality: the Isbell's duality)*, University Rome 3 and University Lyon 3, May

2017 (supervisors: Vito Michele Abrusci and Jean-Baptiste Joinet).

Participation to PhD committees:

Leonardo Ceragioli, *Pluralism in Proof-Theoretic Semantics*, University of Pisa, April 29, 2002 (supervisor: Enrico Moriconi).

PARTICIPATION IN RESEARCH PROJECTS

ANR project *PROGRAMme – What is a (computer) program?*, 2018–2022.

ANR-DFG project *FFIUM – Formalism, Formalization, Intuition and Understanding in Mathematics*, 2018–2021.

PICS project *Logic, computation, and normativity*, 2015–2017.

ANR-DFG project *Beyond Logic – Hypothetical reasoning in philosophy of science, informatics and law*, Oct. 2014–Oct. 2017.

CAPES-COFECUB project *Preuves, démonstrations et représentation*, 2014-2017.

France-Berkeley Fund *Ontological commitment in mathematics*, 2015–2016.

ANR-DFG project *HYPOTHESES – Hypothetical reasoning: Its proof-theoretic analysis*, Apr. 2012–March 2015.

STUDENTS

PhD students

Supervision of Vincent Alexis Peluce, PhD candidate at CUNY (under the supervision of Sergei Artemov) during his visiting research period at the IHPST (Oct- 2018-Jan. 2019). This visiting was funded by a Chateaubriand Fellowship (a grant offered by the Embassy of France in the United States).

Master students

Charlotte Barot (co-directed with Pierre Wagner; Master 2 in Logic and Philosophy of Science, Univ. Paris 1, May 2016), Thesis: *La transitivité. Une trivialité logique (Transitivity. A logical triviality)*.

Ricardo Casillas (Master 1 in Logic and Philosophy of Science, Univ. Paris 1, *in progress*), Thesis: *Naturalité et cognition dans la formalisation des preuves (Naturality and cognition in proofs formalization)*.

Benjamin Costes (Master 1 in Logic and Philosophy of Science, Univ. Paris 1, June 2016), Thesis: *Logique, constructivité et confluence (Logic, constructivity, and confluence)*.

Edwige Cyffers (co-directed with Maël Pégny; Master 1 in Logic and Philosophy of Science, Univ. Paris 1, *in progress*), Thesis: *COMPAS: un algorithme pour la justice prédictive (COMPAS: an algorithm for preventive justice)*.

Pablo Donato (Master 1 in Logic and Philosophy of Science, Univ. Paris 1, May 2018), Thesis: *Recherche de preuves, ludique et pragmatique (Proofs search, ludics, and pragmatics)*.

Louis Guichard (Master 1 in Logic and Philosophy of Science, Univ. Paris 1, *in progress*), Thesis: *Sur les logiques temporelles (On temporal logics)*.

Solange Haas (Master 1 in Logic and Philosophy of Science, Univ. Paris 1, May 2018), Thesis: *Calculabilité quantique. Formalisation et exemples (Quantum computing. Formalization and examples)*.

Perceval Pillon (Master 1 in Logic Philosophy of Science, Univ. Paris 1, June 2016),
Thesis: *Construcivité, extensionnalité et axiome du choix dans la théorie des types de Martin-Löf (Constructivity, extensionality and the axiom of choice in Martin-Löf's type theory)*.

Ian Shillito (Master 1 in Logic Philosophy of Science, Univ. Paris 1, May 2016),
Thesis: *Logique, signification et traduction négative (Logic, meaning, and negative translation)*.

UNIVERSITY SERVICE

- 2019– Director of undergraduate studies, Department of Philosophy, University Paris 1 Panthéon-Sorbonne.
- 2019–2022 Elected member of the section 72 *Épistémologie, histoire des sciences et des techniques (Epistemology, history of sciences and of techniques)* of the *Conseil National des Universités (National Universities Council)*.
- 2015–2018 Appointed member of the section 72 *Épistémologie, histoire des sciences et des techniques (Epistemology, history of sciences and of techniques)* of the *Conseil National des Universités (National Universities Council)*.
- 2015–2017 Delegate for international relations, Department of Philosophy, University Paris 1 Panthéon-Sorbonne.
- 2008–2010 PhD delegate for the Philosophy Department, University Paris 1 Panthéon-Sorbonne.