

Antonio Piccolomini d'Aragona

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via A. B. Lucarelli 49, 84014, Nocera Inferiore (SA), Italy

born 10/10/1986

Education

- 2014 – 2019 **University of Aix-Marseille** – Aix-en-Provence/Marseille, France
“Sapienza” University of Rome – Rome, Italy
PhD in Philosophy
Mentors: Professors Gabriella Crocco (Aix-Marseille), Cesare Cozzo (Rome)
Dissertation: *Dag Prawitz’s theory of grounds*
Board: C. Cozzo (mentor), G. Crocco (mentor), E. Moriconi (University of Pisa - reviewer), P. Schroeder-Heister (University of Tübingen - reviewer), M. Quatrini (Aix-Marseille University - examiner), G. Sundholm (University of Leiden - examiner), L. Tranchini (University of Tübingen - examiner)
Italian final mark: Ottimo cum laude
[French universities do not assign a final mark for the PhD]
- 2009 – 2014 **“Sapienza” University of Rome** – Rome, Italy
MA in Philosophy
Mentors: Professors Cesare Cozzo, Emiliano Ippoliti
Dissertation (in Italian): *L’approccio costruttivista di Dag Prawitz alla nozione di conseguenza logica in alcuni suoi scritti recenti* [*Dag Prawitz’s constructivist approach to the notion of logical consequence in some of his latest writings*]
Final mark: 110/110 cum laude
- 2005 – 2009 **“Federico II” University of Naples** – Naples, Italy
BA in Philosophy
Mentors: Professor Nicola Grana
Dissertation (in Italian): *Ricerca sui fondamenti dell’ontologia di Heidegger. Analisi topologica* [*Investigation into the foundations of Heidegger’s ontology. Topological analysis*]
Final mark: 110/110 cum laude
- 2000 – 2005 **Liceo Ginnasio Statale “G. B. Vico”** – Nocera Inferiore (SA), Italy
High School Diploma (Liceo Classico)
Final mark: 100/100 with honourable mention by the examining board

Teaching

- 2021 – 2022 **University of Siena** – Siena, Italy
Lecturer at the Department of social, political and cognitive sciences
Teaching: Logic, AI
- 2019 – 2021 **University of Aix-Marseille** – Aix-en-Provence/Marseille, France
ATER at the Department of Science and at the Department of Philosophy
Teaching: History and Philosophy of Science, Logic, Set Theory, History and Philosophy of Logic, Philosophy of Mathematics
- 2017 – 2018 **University of Aix-Marseille** – Aix-en-Provence/Marseille, France
Enseignant Vacataire at the Department of Philosophy
Teaching: Logic
- 2016 – 2017 **University of Aix-Marseille** – Aix-en-Provence/Marseille, France
Chargé de cours at the Department of Philosophy
Teaching: Logic

Publications

- 2022 **Prawitz's semantics and Walton's argument schemes: a tentative reading and application of Kreisel's informal rigour** – with F. Montesi
P. Cantù, B. Halimi, G. Heinzmann and F. Patras (eds), Objectivity in mathematics, special issue of Noesis
Publication type: article in Journal
- Calculi of epistemic grounding based on Prawitz's theory of grounds**
Studia Logica
Publication type: article in Journal
- Game of grounds** – with D. Catta
G. Oliveri, S. Boscolo and C. Ternullo (eds), Objects, structures and logics, Boston studies in the philosophy and history of science
Publication type: chapter in Volume

- 2021 **Denotational semantics for languages of epistemic grounding based on Prawitz's theory of grounds**
Studia Logica
Publication type: article in Journal
- Proofs, grounds and empty functions: epistemic compulsion in Prawitz's semantics**
Journal of philosophical logic
Publication type: article in Journal
- La controversia sulla *Lehre* di Semmelweis: un case-study in sociologia delle controversie scientifiche [The controversy over Semmelweis' *Lehre*: a case-study in the sociology of scientific controversies]**
MEFISTO. Rivista di Medicina, Filosofia e Storia
Publication type: article in Journal
- 2019 **Introduction: inferences and proofs** – with G. Crocco
G. Crocco and A. Piccolomini d'Aragona (eds), Inferences and proofs, special issue of Topoi. An international review of philosophy
Publication type: article in Journal
- Dag Prawitz on proofs, operations and grounding**
G. Crocco and A. Piccolomini d'Aragona (eds), Inferences and proofs, special issue of Topoi. An international review of philosophy
Publication type: article in Journal
- 2018 **A partial calculus for Dag Prawitz's theory of grounds and a decidability issue**
A. Christian et al. (eds), Philosophy of science - Between natural science, social science and the humanities
Publication type: chapter in Volume
- 2016 **Riconoscibilità nelle semantiche di Dag Prawitz [Recognisability in Prawitz's semantics]**
M. Cruciani et al. (eds), "Apprendimento, Cognizione e Tecnologia: Atti del convegno AISC Mid-term 2016"
Publication type: abstract in Proceedings
- Recognition procedures and Dag Prawitz's theory of grounds**
M. Carrara, D. Chiffi and C. De Florio (eds), How to say "Yes" and "No". Logical approaches to modes of assertion and denial
Publication type: abstract in Proceedings

- 2014 **L'opera di Gaetano Filangieri tra empietà e sedizione [Gaetano Filangieri's work between impiety and sedition]**
Rassegna storica salernitana
Publication type: review in Journal

Forthcoming publications and submitted papers

- 2021 **Prawitz's epistemic grounding. An investigation into the power of deduction**
forthcoming in the *Synthese Series*, Springer
Publication type: Monograph [Manuscript to be reviewed]

Introduction: deduction at the crossroads

forthcoming in *A. Piccolomini d'Aragona (ed), Perspectives on deduction, Synthese Series, Springer* [Manuscript of the Volume to be reviewed]

A note on Etchemendy's and Prawitz's reduction principles for the tarskian and model-theoretic concept of consequence

submitted to *Theoria* (Sweden)

Informal and absolute provability: from Kreisel and Gödel to Prawitz and Girard – with D. Catta

submitted to *Philosophia scientiae*

Talks

- February 2022 **An introduction to Prawitz's semantics**
CIRM Research School "Logic and transdisciplinarity", University of Aix-Marseille
- September 2021 **Epistemic grounding. Semantics and calculi based on Prawitz's theory of grounds**
Autumn School "Proof and Computation", University of Munich
- June 2021 **La controversia sulla Lehre di Semmelweis [The controversy over Semmelweis' Lehre]**
8th STS Italia conference, University of Trieste
- May 2021 **Kreisel's informal rigour and Gödel's absolute provability. A tentative reading through and for Prawitz's semantics**
Carl Friedrich von Weizsäcker-Colloquium, University of Tübingen

- November 2020 **Informal and absolute provability: from Kreisel and Gödel to Prawitz and Girard** – with D. Catta
12th French PhilMat Workshop, University of Lorraine (Nancy)
- August 2020 **Informal and absolute provability: from Kreisel and Gödel to Prawitz and Girard** – with D. Catta
Tenth European Conference of Analytic Philosophy, University of Utrecht
- August 2019 **A class of languages for Prawitz’s epistemic grounding**
16th International Congress of Logic, Methodology and Philosophy of Science and Technology, University of Prague
- May/June 2018 **Game of grounds** – with D. Catta
PhilMatMED “Philosophie, histoire et didactique des mathématiques en Méditerranée: logique, langages, preuves”, University of Montpellier
- May 2018 **Grounds in Ludics** – with D. Catta
FilMat Workshop 2018, University of Palermo
- August 2017 **Even Dag Prawitz turned to grounds. But why?**
Ninth European Conference of Analytic Philosophy, University of Munich
- November 2016 **A case of BHK-decidability. Dag Prawitz’s proof- and ground-theoretic semantics**
Eighth French Philosophy of Mathematics Workshop, University of Aix-Marseille
- May 2016 **Riconoscibilità nelle semantiche di Dag Prawitz [Recognisability in Prawitz’s semantics]**
AISC Mid-Term 2016 Conference, “Federico II” University of Naples
- March 2016 **Recognition procedures and Dag Prawitz’s theory of grounds**
Second GWP Conference “Philosophy of Science between the Natural Sciences, the Social Sciences and the Humanities”, University of Düsseldorf
- January 2016 **Recognition procedures and Dag Prawitz’s theory of grounds**
How to say “yes” and “no”. Logical approaches to modes of assertion and denial, University of Salento
- June 2015 **Evidence and proofs in Dag Prawitz’s theory of grounds**
SoPhA Congress, Montreal
- April 2015 **From proofs to grounds. Topics in latest Dag Prawitz’s semantics**
Second Belgrade Graduate Conference in Philosophy and Logic, University of Belgrade

August/September 2014 **Dag Prawitz's theory of grounds: inferences and logical consequence**
Eight European Conference of Analytic Philosophy, University of Bucharest

July 2014 **Dag Prawitz's theory of grounds: inferences and logical consequence**
Logic colloquium, University of Tübingen

Guest editing and organisation of workshops

2021 Co-ordinator of the CIVIS-project *Proofs, arguments and dialogues: history, epistemology and logic of justification practices*, consisting of two research school, one in Marseille (*Logic and trans-disciplinarity*, 7 - 11 February 2022, organised with the CIRM) and one in Tübingen (*Proofs, arguments and dialogues: history, epistemology and logic of justification practices*, 8 - 12 August 2022)

Editor of **Perspectives on deduction**

forthcoming in the *Synthese Series*, Springer [Manuscript to be reviewed]

2019 Organiser of the workshop **Inferences and proofs 2** – with G. Crocco
University of Aix-Marseille

Editor of **Inferences and proofs, special issue of Topoi. An international review of philosophy** – with G. Crocco

2016 Organiser of the workshop **Inferences and proofs** – with G. Crocco
University of Aix-Marseille

2014 Organiser of the workshop **Models and inferences in science** – with E. Ippoliti and G. Miotti
“Sapienza” University of Rome

Activity as a reviewer

Journals Journal of applied non-classical logics
Theoria (Sweden)
Topoi. An international review of philosophy

Series Outstanding contributions to logic (Springer)
Synthese Series (Springer)

Language skills

Native Italian

Non-native English
 French

Qualifications

Qualified for teaching as *maître de conférences* (associate professor) in French universities in sections 17 (Philosophy) and 72 (Philosophy and history of science and technology)

Affiliations

Associazione Italiana di Logica e Applicazioni (AILA)

Groupe de Recherche “Philosophie des Mathématiques” (GDR PhilMat)

Société de Philosophie Analytique (SoPhA)

Società Italiana di Studi sulla Scienza e la Tecnologia (STS Italia)