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1 Current position and education

ATER and associate member of the Centre Gilles Gaston Granger at the Aix-Marseille University.

PhD – 2014/2019

Dissertation in (Philosophy of) Logic: “Dag Prawitz’s theory of grounds”, at the Aix-Marseille University and at the “La Sapienza” University of Rome. Directors Gabriella Crocco (Aix-Marseille University) and Cesare Cozzo (“La Sapienza”). A*MIDEX, Académie d’Excellence.

Committee: Gabriella Crocco (director, Aix-Marseille University), Cesare Cozzo (director, Aix-Marseille University), Enrico Moriconi (reviewer, Pisa University), Myriam Quatrini (member, Aix-Marseille University), Peter Schroeder-Heister (reviewer, Tübingen University), Göran Sundholm (member, Leiden University), Luca Tranchini (member Tübingen University).

Master Degree [Laurea Magistrale] – 2009/2014

“La Sapienza” University of Rome, Philosophy. Dissertation in Philosophy of Logic (in italian): “L’approccio costruttivista di Dag Prawitz alla nozione di conseguenza logica in alcuni suoi scritti recenti”. Director Cesare Cozzo, co-director Emiliano Ippoliti. Final Mark 110 cum laude/110.

Bachelor Degree [Laurea Triennale] – 2005/2009

“Federico II” University of Naples, Philosophy. Dissertation in Analytic Ontology (in italian): “Ricerca sui fondamenti dell’ontologia di Heidegger. Analisi topologica”. Director Nicola Grana. Final Mark 110 cum laude/110.

High School Diploma [Liceo Classico] – 2000/2005

Liceo Ginnasio Statale “Giovanni Battista Vico”, Nocera Inferiore (SA).
Final Mark 100/100 with honorable mention by the examining board.

2 Teaching

2019 – 2020 - ATER at the Aix-Marseille University (176 hours).

Logical languages and systems: formal and philosophical questions, Dep. of Science – from propositional to first-order languages, Gentzen’s systems for propositional and first-order logic with justification of the logical laws.

Renaissance cosmologies, Dep. of Science – post-copernican cosmologies, in the writings of Copernicus, Brahe, Kepler, Bruno.

Sociology of the scientific debates, Dep. of Science – the sociology of the scientific debates according to Raynaud, with an application of Raynaud’s framework to the debate between Pasteur and Pouchet, and in the Vienna Medical School between Semmelweis and his colleagues.

Naive set-theory, Dep. of Science – basic notions: membership, inclusion, operations on sets, relations, orders, extension/intension, interpretation of the logical constants as operations on sets.

The semantic of the logical constants: from Boole to constructivism, Dep. of Science – truth-tables, functional completeness, Boolean algebras, Sheffer constants, BHK semantics, introduction to quantifiers.

The continuum, Dep. of Science – reading and analysis of writings by Poincaré, Russell, Dedekind, Bergson.

Cosmologies of the XVIII and XIX centuries – Comte’s positive philosophy.

On-line course of History of Science, Dep. of Science – the development of astronomy from Aristotle and Ptolemy to Copernicus, Kuhn on scientific revolutions, the debate on Kuhn’s theories (Popper, Lakatos, Feyerabend).

Course of Logic 1, Dep. of Philosophy – propositional logic: from natural to formal languages, connectives as truth-functions, truth-tables, substitution, normal disjunctive forms, functional completeness, Boole algebras, Sheffer constants, natural deduction, correctness and completeness theorems.

On-line course of Logic 1, Dep. of Philosophy – propositional logic: from natural to formal languages, connectives as truth-functions, truth-tables, substitution, normal disjunctive forms, functional completeness, Boole algebras, Sheffer constants, natural deduction, correctness and completeness theorems.

2017 - 2018 - *Enseignant Vacataire* at the Aix-Marseille University.

Course of Logic 1, Dep. of Philosophy – propositional logic: from natural to formal languages, connectives as truth-functions, truth-tables, substitution, normal disjunctive forms, functional completeness, Sheffer constants, natural deduction, correctness and completeness theorems.

Course of Logic 2, Dep. of Philosophy – reading and analysis of writings by Frege, Russell, Wittgenstein and Quine.

2016 - 2017 - *Chargé de cours* at the Aix-Marseille University.

Course of Logic 1, Dep. of Philosophy – propositional logic: from natural to formal languages, connectives as truth-functions, truth-tables, substitution, normal disjunctive forms, functional completeness, Sheffer constants, natural deduction, correctness and completeness theorems.

3 Scientific activity

3.1 Publications

Peer-reviewed papers in journals

Logic

with G. Crocco, “Introduction: inferences and proofs”, in G. Crocco and A. Piccolomini d’Aragona (eds), “Inferences and proofs”, special issue of *Topoi*. An international review of philosophy, 2018.

“Dag Prawitz on proofs, operations and grounding”, in G. Crocco and A. Piccolomini d’Aragona (eds), “Inferences and Proofs”, special issue of *Topoi*. An international review of philosophy, 2018.

Peer-reviewed chapters in books

Logic

“Deduction at the crossroads”, in A. Piccolomini d’Aragona (ed), “Perspectives on deduction”, Springer, 2021, forthcoming.

with D. Catta, “Game of grounds”, in G. Oliveri, S. Boscolo and C. Ter-nullo (eds), “Objects, structures and logics”, Boston studies in the philosophy and history of science, Springer, 2020.

“A partial calculus for Dag Prawitz’s theory of grounds and a decidability issue”, in A. Christian et al. (eds), “Philosophy of science - Between natural science, social science and the humanities”, Springer, 2018.

Peer-reviewed papers in proceedings

Logic

“Riconoscibilità nelle semantiche di Dag Prawitz”, in M. Cruciani et al. (eds), “Apprendimento, Cognizione e Tecnologia: Atti del convegno AISC Mid-term 2016”, ISBN-9788890453984, 2016.

“Recognition procedures and Dag Prawitz’s theory of grounds”, in M. Carrara, D. Chiffi and C. De Florio (eds), “How to say ‘Yes’ and ‘No’. Logical approaches to modes of assertion and denial”, ISBN 978-1-326-51692-5, Lulu Press, Inc., 2016.

Peer-reviewed reviews in journals

Other topics

“L’opera di Gaetano Filangieri tra empietà e sedizione”, in *Rassegna Storica Salernitana*, ns vol. 61, XXXI/1, Laveglia, Salerno, 2014, review of G. Ruggiero, “Studi Filangieriani”, in *Frontiera d’Europa*, XVI (2013), 2.

Editor

Logic

“Perspectives on deduction”, Springer, 2021, forthcoming.

with G. Crocco, “Inferences and proofs”, special issue of *Topoi*. An international review of philosophy, 2019.

Other writings

Logic

with G. Bucchioni, “Manuel de Logique 1”, written for the Aix-Marseille University for the on-line course of Logic 1.

3.2 Workshops, seminars, conferences

Speaker

Logic

August 2020 - with D. Catta, Tenth European Conference of Analytic Philosophy, organised by the University of Utrecht, “Informal and absolute provability: from Kreisel and Gödel to Prawitz and Girard”.

August 2019 – 16th International Congress of Logic, Methodology and Philosophy of Science and Technology at the University of Prague, “A class of languages for Prawitz’s epistemic grounding”.

May/June 2018 – with D. Catta, Workshop PhilMatMED “Philosophie, histoire et didactique des mathématiques en Méditerranée: logique, langage, preuves” at the University of Montpellier, “Game of grounds”.

May 2018 – with D. Catta, FilMat Workshop “Philosophy of mathematics: objects, structures, and logics” in Mussumeli (organized by the University of Palermo), “Grounds in Ludics”.

August 2017 – Ninth European Conference of Analytic Philosophy at the University of Munich, “Even Dag Prawitz turned to grounds. But why?”.

November 2016 – Eighth PhilMat Workshop at the Aix-Marseille University, “A case of BHK-decidability. Dag Prawitz’s proof- and ground-theoretic semantics”.

May 2016 – AISC Mid-Term Conference 2016 at the “Federico II” University of Naples, “Riconoscibilità nelle semantiche di Dag Prawitz”.

March 2016 – Second International Conference “Philosophy of Science between the Natural Sciences, the Social Sciences, and the Humanities” organized by the Gesellschaft für Wissenschaftsphilosophie at the University of Düsseldorf, “Recognition procedures and Dag Prawitz’s theory of grounds”.

January 2016 – Workshop “How to say yes and no. Logical approaches to modes of assertion and denial” at the University of Salento (Lecce), “Recognition procedures and Dag Prawitz’s theory of grounds”.

June 2015 – 2015 Congress of SoPhA at the University of Montreal, “Evidence and proofs in Prawitz’s theory of grounds”.

April 2015 – Second Belgrade Graduate Conference in Philosophy and Logic at the University of Belgrade, “From proofs to grounds. Topics in latest Dag Prawitz’s semantics”.

August/September 2014 – Eighth European Conference of Analytic Philosophy at the University of Bucharest, “Dag Prawitz’s theory of grounds: inferences and logical consequence”.

July 2014 – Logic Colloquium at the University of Tübingen, “Dag Prawitz’s theory of grounds: inferences and logical consequence”.

Co-organizer

Logic

December 2019 - “Inferences and proofs 2” at the Aix-Marseille University.

May 2016 – “Inferences and Proofs” at the Aix-Marseille University.

Other topics

September 2014 – “Models and inferences in Science” at the “La Sapienza” University of Rome.

4 Linguistic skills and affiliations

Linguistic skills

Italian - native

French - spoken very good, reading very good, written very good

English - spoken very good, reading very good, written very good

Affiliations

Associazione Italiana di Logica e Applicazioni (AILA)

Société de Philosophie Analytique (SoPhA)

Projet Interepisteme