

M. Gianluca LONGA

Coordinées

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Activités / CV

PhD candidate within the [EPHESE programme](https://phier.uca.fr/article140.html)(<https://phier.uca.fr/article140.html>) (Philosophy of theoretical practices and computer simulation).

Thesis title :

Greek Geometrical Analysis, Heuristics, and Mathematical Explanation

Supervisors :

[Sébastien Gandon](https://phier.uca.fr/article11.html)(<https://phier.uca.fr/article11.html>) and [Marco Panza](https://www.chapman.edu/our-faculty/marco-panza)(<https://www.chapman.edu/our-faculty/marco-panza>).

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Fields of Research : Ancient Geometrical Analysis, Mathematical Explanation, Epistemological Status of Geometrical Proof in Ancient Mathematics.

PAST POSITIONS

- Oct. 2017-Jun. 2018, *Research Associate*, University of California Irvine (UCI).
- Jan.-Jun. 2016, *Teaching Assistant* (Hist. of Philosophy), Department of Human Science, University of Milan-Bicocca.

TALKS

- (with S. Gandon) « Mathematical Diagrams: A Kaplanian Account? » French Philosophy of Mathematics Workshop, Nancy, 13 November 2020.

- *Greek Geometrical Analysis : Collating the Corpus*, MSH, Université Clermont Auvergne, 5 March 2020.
- “*The Hidden Analysis*”: *On the Spread of the Analytic Method in Greek Geometry*, British Society for the History of Mathematics, The Queen’s College, Oxford, 29 February 2020.
- *Some in Book III of Apollonius’ Conics*, UC Irvine, Department of Mathematics, May 24th, 2018.
- *On the framework of a Greek geometrical proposition : Proclus’ account (and beyond)*, UC Irvine, Department of Classics, January 25th, 2018.
- *Quelques remarques sur Wilbur Knorr et l’analyse théorématique dans la géométrie grecque*, MSH, Clermont-Ferrand, May 19th, 2017.

PUBLICATIONS

- (with M. Panza) « Diagrams in Intra-Configurational Analysis ». In : *Philosophia Scientiæ* 25/3 (forth).
- "L’analyse géométrique dans les mathématiques grecques anciennes", Thematic Issue of *Philosophia Scientiæ*, 25/3 (forth).
- ‘Aristotle and Greek Geometrical Analysis’, English translation of « Berti, E., ‘Aristotele e l’analisi matematica greca’ », *Philosophia Scientiæ* 25/3 (forth).
- (with S. Gandon), « Identité des mots, identité des diagrammes : une approche kaplanienne ? ». In : *Cahiers Philosophiques* 62(3), 2021.
- ‘J. Feke, Ptolemy’s Philosophy: Mathematics as a Way of Life, Princeton, Princeton University Press, 2018’, *Historia Mathematica* 54(1), 2021.
- [Enc. entry] “Mathematical Explanation”, *Philpapers : Online Research in Philosophy*.
- Review of ‘G. Lolli, *Numeri. La creazione continua della matematica*, Torino, Bollati Boringhieri, 2015’, *Lo Sguardo. Rivista di Filosofia* 21, 2017, pp. 377-380.
- Review of ‘D. Molinini, Che cos’è una spiegazione matematica ?, Milano, Carocci, 2014’, *Lo Sguardo. Rivista di Filosofia* 20, 2016, pp. 325-327.
- Essay-Review of ‘E. Cinnella, *L’altro Marx*, Pisa-Cagliari, Della Porta Editori, 2014’, *Quaderni Materialisti* 13, Milano, Mimesis, 2018, pp. 230-236.
- Essay-Review of ‘A. Guidi, *Un Segretario militante. Politica, diplomazia e armi nel Cancelliere Machiavelli*, Bologna, Il Mulino, 2009’, *Quaderni Materialisti* 13, Milano, Mimesis, 2018, pp. 245-251.
- (with M. Storni) ‘Questo è Marxismo ortodosso : la Weltanschauung materialista condivisa di Marx ed Engels’, it. trans. of « Johnston, A., ‘This is Orthodox Marxism : The Shared Materialist Weltanschauung of Marx and Engels’ », *Quaderni Materialisti* 11, Milano, Mimesis, 2017, pp. 53-69.

ORGANIZATION

- Organization (with Sébastien Gandon) of the international conference *Greek Geometrical analysis : Problems and Prospects*, 4-6 March 2020, Maison des Sciences de l'homme, Université Clermont Auvergne.

MEMBERSHIPS

- *Philpapers : Online Research in Philosophy* (area editor)
- *Filmat : Italian Network for the Philosophy of Mathematics*
- *Lo Sguardo. Rivista di Filosofia* (editorial board)
- *Quaderni Materialisti* (editorial board)

TEACHING

- Logique II : « Introduction à la logique du premier ordre », cours de Licence 3 Philosophie, Université Jean Moulin (Lyon 3), 2021-2022.
- Epistémologie formelle II : « La théorie aristotélicienne de la démonstration », cours de Licence 3 Philosophie, LCSH, UCA, 2020-2021.
- Anglais philosophique 2 : « Doing Philosophy », cours de Licence 3 Philosophie, LCSH, UCA, 2020-2021.
- Epistémologie II : *Puzzle and Paradoxes*, cours de licence 3 Philosophie, LCSH, UCA.
- M.T.U. : « *Travailler les sources* » : collation, compréhension, et interprétation, cours de licence 1 Philosophie, LCSH, UCA.
- Epistémologie : *Introduction à la philosophie de la géométrie*, cours de licence 2 Philosophie, LCSH, UCA.
- (with F. Hamber) *Graduate Teaching Assistantship in Modern Languages (Italian)*, UCI, Irvine.
- *Hegel e la matematica dell'infinito*, Université de Milan-Bicocca.

Rechercher

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