

Curriculum Vitae

INFORMAZIONI PERSONALI

Nome GIANLUIGI
Cognome OLIVERI
Recapiti Edificio 12, Facoltà di Lettere e Filosofia, Dipartimento di Scienze Umanistiche, viale delle Scienze, 90128, Palermo, Italy
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FORMAZIONE TITOLI

Education:

PhD in Cognitive science, University of Messina, Italy, January 2006.

Thesis title: *A realist philosophy of mathematics*.

Thesis supervisor: Prof. A. Plebe.

DPhil in Philosophy, University of Oxford, Great Britain, May 1989.

Thesis title: *The principles of analytical philosophy*.

Thesis supervisor: Prof. Sir M. A. E. Dummett.

Laurea in Filosofia, University of Bari, Italy, November 1980, 110/110 *magna cum laude*.

Thesis title: *Ludwig Wittgenstein ovvero sulla distruzione della filosofia*.

Thesis supervisor: Prof. G. Semerari.

Awards:

'Rientro Cervelli' grant 2004-2007

Florey Studentship, The Queen's College, Oxford, Great Britain, 1985-1988.

University Scholarship, University of Bari, Italy, 1974-1975.

Current position:

Head of the Centro Interdipartimentale Tecnologie della Conoscenza (CITC) of the University of Palermo.

Corresponding member of the Accademia Nazionale di Scienze, Lettere, ed Arti di Palermo (www.ansla.it), from 20th July 2017.

Habilitation to the position of Full Professor in *Logic, and the Philosophy of Science*, 28th March 2017.

Associate Professor in *Logic and The Philosophy of Science* at the University of Palermo, Italy, from 1 January 2015.

Associate researcher of ICAR CNR (National Council of Research), from 18 July 2012.

ATTIVITA' DIDATTICA

Philosophy of mathematics, lecture course, University of Palermo, Italy.

Logic, lecture course, University of Palermo, Italy.

Philosophy of science, lecture course, University of Palermo, Italy.

RICERCHE FINANZIATE

Rientro Cervelli grant 2004-2007, Italian Ministry of the University;

ex 60% grant, University of Palermo, Italy, 2007;

Visiting Fellowship, University of Sydney, Sydney, Australia, from July 2009 to October 2009.

ex 60% grant University of Palermo, Italy, 2012.

ASSOCIAZIONI SCIENTIFICHE

Member of: Italian Network for the Philosophy of Mathematics (FilMat Network), Association for the Philosophy of Mathematical Practice (APMP), Italian Society for Analytical Philosophy (SIFA), Italian Society for Logic and the Philosophy of Science (SILFS).

Associate member of: Istituto di Calcolo e Reti ad Alte prestazioni (ICAR) of the National Council for Research (CNR) from 18 July 2012.

Corresponding member of Accademia Nazionale delle Scienze, Lettere ed Arti di Palermo (www.ansla.it), from 20 July 2017.

PUBBLICAZIONE

Work in progress:

Articles:

Oliveri, G.: Prologue to the Spanish translation of M.A.E. Dummett, *Origins of Analytical Philosophy*,

Oliveri, G.: 'Mind, Body, and Machines'.

Edited collections:

Oliveri G., Boscolo S., Ternullo C. (eds.), *Philosophy of Mathematics. Objects, Structures, and Logics*, the volume is based on the papers given at the Third International Conference of the Italian Network for the Philosophy of Mathematics FilMat held in Mussomeli, Sicily, from the 25th to the 27th of May 2018.

Books:

Oliveri G., *Foundations of Mathematics, W(h)ither Now?*

Journal articles:

Oliveri G., Gaglio S., 'Wittgenstein, Turing, and Neural Networks,' *Giornale di Metafisica*, **vol. 1/2018**, pp. 215--235, ISSN: 0017--0372.

OLIVERI, G., 'Bertrand Russell', *APHEX*, **vol. 12**, pp. 1—49, ISSN: 2036-9972, 2015.

Oliveri, G., Gaglio, S., Augello, A., Pilato, G.: 'An algebra for the manipulation of conceptual spaces in cognitive agents', *Biologically Inspired Cognitive Architectures*, 2013, **vol. 6**, pp. 23-29.

Oliveri, G.: 'Object, Structure, and Form', *Logique et Analyse*, 2012, **vol. 219**, pp. 401-442.

Oliveri, G.: 'Productive Ambiguity in Mathematics', *Logic & Philosophy of Science*, 2011, **vol. 9**, n. 1, pp. 159-164.

Oliveri, G.: 'Mathematics as a quasi-empirical science', *Foundations of Science*, 2006, **vol. 11**, pp. 41-79.

Oliveri, G.: 'Mathematics. A Science of Patterns?', *Synthese*, 1997, **vol. 112:3**, pp. 379-402.

Oliveri, G.: 'Criticism and Growth of Mathematical Knowledge', *Philosophia Mathematica*, 1997, Series III, **vol. 5**, pp. 228-249.

Oliveri, G.: 'Le "Ricerche" di Wittgenstein nella lettura di S. Kripke', *Paradigmi*, 1984, **vol. 2:6**, pp. 523-540.

Articles in books:

OLIVERI G., 'The Matrix e il fumetto,' article to appear in an edited collection, in press.

OLIVERI G., GAGLIO S., AUGELLO A., PILATO G., 'On Representing concepts in High-dimensional Linear Spaces', in: LIETO A. BHATT M., OLTRAMARI A., VERNON D. (eds.), 'Artificial Intelligence and Cognition 2016', CEUR WORKSHOP PROCEEDINGS, **vol. 1895**, pp. 148--157, ISSN: 1613--0073, New York, 2017.

OLIVERI, G., 'True V or not True V, That is the Question', in: Boccuni, F., Sereni, A. (a cura di), *Objectivity, Realism, and Proof*, BOSTON STUDIES IN THE PHILOSOPHY OF SCIENCE, **vol. 318**, pp. 143-164, Dordrecht: Springer International Publishing, ISBN 978-3-319-31642-0, ISSN 0068-0346, 2016

OLIVERI, G., GAGLIO, S., AUGELLO, A., PILATO, G., 'Pattern-Recognition: a Foundational Approach', in:

Lieto, A., Battaglino, C., Radicioni, D.P., Sanguinetti, M. (a cura di), 'Artificial Intelligence and Cognition 2015', CEUR WORKSHOP PROCEEDINGS, **vol. 1510**, pp. 68-82, Aachen: University of Aachen, ISSN 1613-0073, 2015.

OLIVERI, G., GAGLIO, S., CHELLA, A., AUGELLO, A., PILATO, G. (2014). 'Creativity in Conceptual Spaces'. In: Proceedings of the fifth International Conference on Computational Creativity. Ljubljana: S. Colton, D. Ventura, N. Lavrac, M. Cook, ISBN: 978-961-264-055-2, Ljubljana, Slovenia, 9-13 Giugno 2014

OLIVERI G., GAGLIO S., PILATO G., AUGELLO A., 'Mathematical Patterns and Cognitive Architectures', in: Second International Workshop on Artificial Intelligence and Cognition (AIC 2014), CEUR WORKSHOP PROCEEDINGS, **vol. 1315**, pp. 134-139, ISSN 1613-0073, 2014.

Oliveri G., Gaglio S., Pilato G., Augello A., 'Acting on Conceptual Spaces in Cognitive Agents', CEUR Workshop Proceedings, Vol. 1100, pp. 25-32, December 2013, ISSN 1613-0073.

Oliveri, G.: 'For a Philosophy of Mathematical Practice', in: B. Van Kerkhove, R. Desmet, J. P. Van Bendegem (eds.), *Philosophical Perspectives on Mathematical Practice*, 2010, pp. 86-116, College Publications, London.

Oliveri, G.: 'Do We Really Need Axioms in Mathematics?', in: C. Cellucci & D. Gillies (eds.), *Mathematical Reasoning and Heuristics*, 2005, pp. 119-135, King's College Publications, London.

Oliveri, G.: 'Some arguments against Field on the Indispensability Thesis', in: G. Sica (ed.), *Essays on the Foundations of Mathematics and Logic*, 2005, pp. 71-83, Polimetria International Scientific Publisher, Monza.

Oliveri, G.: 'Carnap e il mito del sistema di riferimento in filosofia della matematica', in: L. Russo (ed.), *Annali del Dipartimento di Filosofia, Storia e Critica dei Saperi*, 2004, **vol. 1**, pp. 197-206, Università degli Studi di Palermo, Palermo.

Oliveri, G.: 'The third way: a realism with the human face', in: E. Assenza, D. Chiricò, P. Perconti (eds.), *Logic, Ontology, and Linguistics*, 2004, **vol. 1**, pp. 105-129, Rubbettino, Soveria Mannelli.

Oliveri, G.: 'From the "Tractatus" to the "Tractatus"', in: G. Oliveri (ed.), *From the 'Tractatus' to the 'Tractatus' and Other Essays*, 2001, **vol. 2**, pp. 9-12, Peter Lang, Frankfurt am Main.

Oliveri, G.: 'Dummett', in: R. Arrington (ed.), *A Companion to the Philosophers*, 1999, pp. 227-230, B. Blackwell, Oxford.

Oliveri, G. & Dales, H. G., 'Truth and the Foundations of Mathematics: An Introduction', in: H. G. Dales & G. Oliveri (eds.), *Truth in Mathematics*, 1998, pp. 1-37, Oxford University Press, Oxford.

Oliveri, G.: 'True to the pattern', in: H. G. Dales & G. Oliveri (eds.), *Truth in Mathematics*, 1998, pp. 253-269, Oxford University Press, Oxford.

Oliveri, G.: 'Anti-realism and the Philosophy of Mathematics', in: B. F. McGuinness & G. Oliveri (eds.), *The Philosophy of Michael Dummett*, 1994, pp. 93-111, Kluwer, Dordrecht.

Oliveri, G.: 'Following-a-rule and the conception of science in the "Philosophical Investigations"', in: W. Leinfellner & F. Wuketis (eds.), *The tasks of Contemporary Philosophy*, pp. 519-520, 1986, Hoelder-Pichler-Tempsky, Vienna.

Book reviews:

Oliveri, G.: 'Stefano Donati, *I fondamenti della matematica nel logicismo di Bertrand Russell*, Firenze Atheneum, 2003', *Philosophia Mathematica*, 2009, **vol. 17**, pp. 109-113, doi: 10.1093/phimat/nkn010.

Oliveri, G.: 'J. Ferreiros & J. J. Gray (eds.), 2006, *The Architecture of Modern Mathematics: Essays in History and Philosophy*', Oxford University Press, Oxford. *Historia Mathematica*, 2008, **vol. 35 issue 1**, pp. 57-60.

Oliveri, G.: 'A. Kenny, *Frege*', *British Journal for the History of Philosophy*, 1998, **vol. 6:3**, pp. 511-513.

Translations:

Oliveri, G.: 'A. D. Aczel, *Il mistero dell'Aleph*', 2002, Editore Il Saggiatore, pp. 9-220.

Research Monographs:

Oliveri, G.: *A Realist Philosophy of Mathematics*, 2007, College Publications, London.

Edited Collections:

Oliveri, G. (ed.): *From the 'Tractatus' to the 'Tractatus' and Other Essays*, 2001, Peter Lang, Frankfurt am Main.

Oliveri, G. & Dales, H. G. (eds.): *Truth in Mathematics*, 1998, Oxford University Press, Oxford.

Oliveri, G. & McGuinness B. F. (eds.): *The Philosophy of Michael Dummett*, 1994, **vol. 239**, Kluwer, Dordrecht.

ATTIVITA' SCIENTIFICHE

I am doing research on:

(1) the ontology and epistemology of mathematical patterns;

(2) the foundations of mathematics;

(3) Gärdenfors's conceptual spaces (in collaboration with colleagues from the Faculty of Engineering of the University of Palermo, and of Palermo's CNR (National Council for Research);

(4) the relationship between mind, body and machines;

(5) the philosophy of Bertrand Russell, and the history of analytic philosophy.

I am the founder (2011), and the convener of the Palermo *Logic and Philosophy of Science Seminar*.

AMBITI DI RICERCA

Philosophy of mathematics, Metaphysics, Cognitive science, Artificial Intelligence, Logic, Philosophy of Science, History of Philosophy.

ALTRE ATTIVITA

Faculty Coordinator Erasmus+ Programme 2014/15 and 2015/16, for the mobility of researchers and students, University of Palermo, Italy, and Radboud University, Nijmegen, Netherlands.

Organizer of the Third International Biennial Conference of the FilMat Network (Italian network for the philosophy of mathematics <https://filmatnetwork.com>) on *Philosophy of Mathematics. Objects, Structures, and Logics*, 25--27 May 2018, Mussomeli, Caltanissetta, Sicily.

Organizer, jointly with Prof. H.G. Dales, School of Pure Mathematics, University of Leeds, of the conference *Truth In Mathematics*, 13--20 September 1995, Mussomeli, Caltanissetta, Sicily.

Organizer, jointly with Prof. B.F. McGuinness, Università degli Studi di Siena, of the conference *The Philosophy of Michael Dummett*, 20--23 September 1991, Mussomeli, Caltanissetta, Sicily.