VALENTINA CUCCIO

Date of Birth: April 23, 1979 Email: vcuccio@unime.it

MAIN RESEARCH AREAS:

Philosophy of Cognitive Neuroscience, Philosophy of Psychology, Cognitive Neuroscience of language

CURRENT POSITION:

Associate Professor of Philosophy of Science, Department of Ancient and Modern Civilizations, University of Messina.

Founding Director of the Experimental Philosophy Lab, Department of Ancient and Modern Civilizations, University of Messina.

CAREER:

- **1 October 2021 30 September 2024**: Senior Assistant Professor (with tenure track) of Philosophy of Science, Department of Ancient and Modern Civilizations, University of Messina.
- November 2019 October 2021: Assistant Professor of Cognitive Neuroscience, Department of Cognitive, Psychological, Educational Sciences and Cultural Studies, University of Messina.
- **February 2022**: Italian national qualification to function as Associate Professor of Philosophy of Science.
- **December 2017**: Italian national qualification to function as Associate Professor of Philosophy of Language (renewal).
- September 2017 September 2018: Lecturer for the course "Theories of language and the mind", Department of Humanities, Social Sciences and Cultural Industries, University of Parma.
- September 2015 December 2015: Postdoctoral Visiting Researcher, University of Amsterdam (UvA), Faculty of Humanities (Principal Investigator Grant from the Nederlandse Organisatie voor Wetenschappelijk Onderzoek Netherlands Organisation for Scientific Research. Title of the research project: Metaphor and Embodied Simulation. Host researcher attached to the Dutch research institute: Prof. G.J. Steen, professor of Language and Communication, University of Amsterdam, Faculty of Humanities).
- October 2013 May 2016: postdoctoral fellow, Department of Humanities, University of Palermo.
- **December 2013**: Italian national qualification to function as Associate Professor of Philosophy of Language.
- April 2013 September 2013: postdoctoral research fellow (*wissenchaftliche Mitarbeiterin*), Berlin School of Mind and Brain, Humboldt University, Berlin.
- January 2013 April 2013: postdoctoral research fellow, Department of Humanities, University of Palermo.
- January 2012 December 2012: postdoctoral research fellow, Department of Neuroscience, University of Parma.
- June 2007 August 2011: postdoctoral research fellow, Department of Philosophy, Philology, Arts and History of Knowledge, University of Palermo.

EDUCATION:

2007, University of Palermo: Ph.D. in "Philosophy of Language and of Mind" received with the highest marks.

- Title of Dissertation: "Linguaggio e rappresentazione spaziale" (Language and spatial representation)
- Dissertation directors: Prof. Francesca Piazza & Prof. Francesco Ferretti

The dissertation reconsiders the issue of the relationship between language and thought through experimental studies on subjects affected by Williams syndrome, a genetic pathology which includes severe visual- spatial deficits.

2003, University of Palermo: Master degree in Philosophy, final mark 110/110 cum laude.

- Title of dissertation: "La nozione di Intenzionalità in John Searle".
- Dissertation director: Prof. Franco Lo Piparo.

1998, "F. Scaduto" High School, Bagheria: Diploma in Classical studies, final mark 60/60.

RESEARCH EXPERIENCE:

29th-31st January, 2014 participant of the Seminar "Identifying, Analyzing and Evaluating Metaphor in Public Discourse" held by Prof. Gerard Steen. Department of Political Sciences, University of Calabria, Arcavacata di Rende

September 1st - 14th, 2013 participant of the KOSMOS Summer School "Human sociality and the brain: Decision making in social contexts". Berlin School of Mind and Brain, Humboldt University, Berlin

17th – 21st April, 2013, participant (faculty) of the second Neuro-philosophical workshop. Berlin School of Mind and Brain, Humboldt University, Venice International University, San Servolo

January 21st-26th, 2013 participant of the Metaphor Lab Winter School 2013 organized by Prof. Gerard Steen.

VU University, Amsterdam

January 23rd-27th, 2012 participant of the Metaphor Lab Winter School 2012 organized by Prof. Gerard Steen.

VU University, Amsterdam

ORGANIZATION OF CONFERENCES AND SCIENTIFIC MEETINGS:

- Organizer of the invited symposium: "Turning Pragmatics experimental: psychology and artificial intelligence" 11-14/06/2024 - Pragmasophia 4 4th International Conference on Pragmatics and Philosophy University of Messina
- Organizer and Scientific Director of the Philosophy of Science Seminar Series held at the Department of Ancient and Modern Civilizations, University of Messina, during the 2023/2024 academic year. Speakers (in order of presentation): Francesca Ervas and

Valentina Cuccio, Carmela Morabito, Enrico Giannetto, Alessio Plebe, Pietro Perconti, and Vittorio Gallese.

- Member of the Scientific Committee of the *4th International Conference on Philosophy of Mind: 4E's Approach to the Mind/Brain*, taking place from 6 to 8 March 2023, at the Faculty of Philosophy and Social Sciences of the University Portuguese Catholic (Braga, Portugal).
- Organizer of the conference "Language and cognition. Perspectives on the study of mind". University of Messina, 12-13/10/2022.
- Organizer of the workshop "Dual aspect accounts in language processing", University of Messina, 14/0/2022. Keynote speaker: Yury Shtyrov.
- Member of Program committee of the 9th Experimental Pragmatics Conference (XPRAG 2022), IUSS Pavia.
- Member of the scientific committee, RaAM 2020 Conference. Faculty of Education at Inland Norway University of Applied Sciences (INN). Hamar, Norway, 18-21 June 2020
- Member of the scientific committee, AISC (Italian Association for Cognitive Science) Conference 2020 University of Parma, Parma, 26-28 May 2020
- Liège, Belgium, 16-17 May 2019
 Member of the scientific committee, RaAM 2019 Seminar University of Liège, Liège, Belgium, 16-17 May 2019
- Member of the organising committee of the XX International Conference of the Italian Society of Philosophy of Language. Palermo, 24th-26th September 2013.
- Member of the organising committee of the Italian National Conference "Segnare, parlare, intendersi: modalità e forme". University of Palermo. Palermo, 22nd-23rd October 2009

VISITING RESEARCH FELLOWSHIPS:

- August December 2005: Department of Cognitive Science, Johns Hopkins University, Baltimore, USA; Language and Cognition Laboratory; Supervisor: Prof. Barbara Landau.
- **February December 2006**: Istituto di Scienze e Tecnologie della Cognizione, CNR Roma. Supervisor: Dr. Virginia Volterra.
- **February December 2006**: Child Neuropsychiatry Unit. Department of Neuroscience. Children's Hospital *Bambino Gesù*, Roma; Supervisor: Dr. Stefano Vicari.

TEACHING EXPERIENCE (LECTURER):

2022-2023 - today: Senior Assistant Professor, DICAM Department-University of Messina. Courses: Philosophy of Science (BA) Philosophy of Science (MA)

2021-2022: Senior Assistant Professor, DICAM Department- COSPECS Department, University of Messina. Courses: Philosophy of Science (BA) Philosophy of Science (MA) General Psychology (BA) The Cognitive Neuroscience of Language (MA).

2020-2021: Assistant Professor, COSPECS Department, University of Messina. Courses: Psychobiology of Language (BA) General Psychology (BA) Psychometrics for Cognitive Neuroscience (MA).

2019-2020: Assistant Professor, COSPECS Department, University of Messina. Courses: General Psychology (BA) Psychobiology of language (BA) Social Neuroscience (MA) Applied Neurosciences (MA)

2017/2018, lecturer for the course "Philosophy of Language"; Department of Humanities, Social Sciences and Cultural Industries, University of Parma

2014/2015, lecturer for the course "Social Psychology", Department of Humanities, University of Palermo

2013/2014, lecturer for the course "Between Philosophy and Neuroscience. The philosophical debate after the discovery of mirror neurons". Faculty of Philosophy and Liberal Arts, University of Palermo.

2012/2013, lecturer for the course "Notes on the notion of meaning", master in Philosophy, Humboldt University, Berlin.

2012/2013, lecturer for the course "The Philosophical Roots of Embodied Cognition", master in Philosophy, Humboldt University, Berlin.

2010/2011, lecturer for the course "Philosophy of Language" in the degree program of Modern Literature in the Faculty of Philosophy and Liberal Arts, University of Palermo.

2010/2011, lecturer for the course "Language and Cognition" in the degree program of Philosophy of Knowledge and Communication in the Faculty of Philosophy and Liberal Arts, University of Palermo.

2009/2010, lecturer for the course "Language and Cognition" in the degree program of Philosophy of Knowledge and Communication in the Faculty of Philosophy and Liberal Arts, University of Palermo.

2008/2009, lecturer for the course "Language and Cognition" in the degree program of Philosophy of Knowledge and Communication in the Faculty of Philosophy and Liberal Arts, University of Palermo.

In 2003, didactic support tutor for students of the degree course in Philosophy of Knowledge and Communication in the Faculty of Philosophy and Liberal Arts, University of Palermo.

Since 2007, supervisor of 16 bachelor degree theses in Philosophy and of 1 master degree thesis in Philosophy, 5 M.A. theses in Psychology; 3 B.A. theses in Social Sciences and Psychology.

OTHER TEACHING ACTIVITIES:

2008/2009:

1-30 November 2008 – Teacher of the seminar on "Sign Languages" upon invitation of Prof. Francesca Piazza (the seminar was part of the course on "Theory of languages and communication", Faculty of Educational Sciences University of Palermo).

1-30 November 2008 – Teacher of the seminar on "The acquisition of language" upon invitation of Prof. Francesca Piazza (the seminar was part of the course on "Rhetoric", Faculty of Educational Sciences University of Palermo). 2007/2008:

1-30 November 2007 – Teacher of the seminar on "The Pragmatic of Language" upon invitation of Prof. Francesca Piazza (the seminar was part of the course on "Theory of languages and communication", Faculty of Educational Sciences University of Palermo).

1-30 November 2007 – Teacher of the seminar on "The Pragmatic of Language" upon invitation of Prof. Francesca Piazza (the seminar was part of the course on on "Rhetoric", Faculty of Educational Sciences University of Palermo).

UNIVERSITY COMMITEES AND OTHER INSTITUTIONAL ACTIVITIES:

- 2024-2025 Supervisor of 2 PhD students in Linguistics (Juan Oyarzo Alvarda and Diego Monasterio), from the Department of Language Sciences of the Faculty of Linguistics and Literature, Catholic University of Chile.
- 2023 today Member of the faculty board for the PhD program in Humanities at the University of Messina.
- 2024-2026 Supervisor of a two-year (24 months) postdoctoral research fellowship for the research project titled "Metaphor and Epistemic Injustice in Mental Illness: The Case of Schizophrenia" (CUN Area 11, S.S.D M-FIL/02 / M-PSI/02), funded by the PRIN_2022PNRR_P2022XPW4R_002-CUP J53D23017350001 project granted to Prof. Valentina Cuccio. Research fellowship holder: Dr. Martina Montalti.
- 2023-2024 Co-supervisor of a one-year (12 months) postdoctoral research fellowship for the research project titled "Sensorimotor Bases of Processing Novel and Conventional Metaphors in Native and L2 Speakers" funded by the Imminent project "The neuroscience of translation. Novel and dead metaphor processing in native and

	second-language speakers" granted to Prof. Valentina Cuccio. Research fellowship holder: Dr. Stefana Garello.
2024	External reviewer – PhD Programme in "Cognitive Neuroscience and Philosophy of Mind". IUSS Pavia.
2022	External reviewer – PhD Programme in "Philosophy, Science, Cognition and Semiotics. University of Bologna
2021	External Reviewer – PhD Programme in The development and well-being of individuals and organizations. LUMSA University.
2021 – today	Member of the Scientific Committee, COSPECS Department – CNR Agreement.
2020 - 2023	Member of the Ethics Committee, COSPECS Department, University of Messina.
2019 - 2021	President of examination board: Psychobiology of Language, Social Cognitive Neuroscience, General Psychology, Applied Neuroscience, Member of examination board: Cognitive Neuroscience.
2020 - 2021	President of examination board: Psychometrics for Cognitive Neuroscience.

Research assistant in "Philosophy and theory of Languages", Faculty of Science of Education, University of Palermo and member of the exam commission for the disciplines "Rhetoric" and "Normative and Administrative Language".

Research assistant in "Philosophy and theory of Languages", Faculty of Philosophy and Liberal Arts, University of Palermo and member of the exam commission for the discipline "Philosophy of language" and "Language and Cognition".

GRANTS AND FUNDINGS AS PRINCIPAL INVESTIGATOR:

- Nov 2024 -Nov 2026. Unit Coordinator and deputy Principal Investigator of a project funded under the PRIN 2022 PNRR call. The project is titled "Metaphor and Epistemic Injustice in Mental Illness: The Case of Schizophrenia," with a duration of two years. The total funding for the project is 270,000 euros, of which the UNIME unit, under the leadership of Valentina Cuccio, has received 90,000 euros.
- Principal Investigator, Grant from Imminent. Translated Research Center: https://imminent.translated.com/research-grants-ceremony-innovations-in-language-technology 2022 call. Title of the research project: The neuroscience of translation. Novel and dead metaphor processing in native and second-language speakers. Total amount of the grant: 20.000 euro.
- Recipient of the University Research Basic Activities Fund (FFABR Unime) 2020, 2nd edition.
- Recipient of the University Research Basic Activities Fund (FFABR Unime) 2022.
- **Principal Investigator** Grant from the Nederlandse Organisatie voor Wetenschappelijk Onderzoek - Netherlands Organisation for Scientific Research.

"Grant for highly qualified senior researchers from abroad who hold a PhD. With this grant these researchers can stay in the Netherlands for a maximum of four months and carry out a project related to an ongoing Dutch research project".

Title of the research project: Metaphor and Embodied Simulation. Host researcher attached to the Dutch research institute: Prof. G.J. Steen, professor of Language and Communication, University of Amsterdam, Faculty of Humanities). Duration of the research project: 4 months. Total amount of the grant: 7500 euro.

GRANTS AND FUNDINGS AS MEMBER OF THE REASERCH TEAM:

- Title of the project: Speaking and Persuading. Theory and History. FFR Project, Italian Ministry of University and Research. PI: Prof. Franco Lo Piparo. February 2013-March 2014.
- Title of the project: Wittgenstein and the cognitive approach to the study of language. Project funded by the Italian Ministry of University and Research. Year: 2007. PI: Marco Carapezza. Duration: 12 months.
- Title of the project: Language, Cognition and Emotion. An Aristotelian approach. Project funded by the Italian Ministry of University and Research. Year: 2007. PI: Francesca Piazza. Duration: 12 months.
- Title of the project: Speaking and Measuring. Project funded by the Italian Ministry of University and Research. Year: 2007. PI: Franco Lo Piparo. Duration: 12 months.
- Title of the project: Wittgenstein and the cognitive approach to the study of language. Project funded by the Italian Ministry of University and Research. Year: 2006. PI: Marco Carapezza. Duration: 12 months.
- Title of the project: Speaking and Persuading. Project funded by the Italian Ministry of University and Research. Year: 2006. PI: Francesca Piazza. Duration: 24 months.
- Title of the project: Words, Images and Numbers in Plato, Aristotle and Wittgenstein. Project funded by the Italian Ministry of University and Research. Year: 2005. PI: Franco Lo Piparo. Duration: 12 months.
- Title of the project: Words, Images and Numbers in Plato, Aristotle and Wittgenstein. Project funded by the Italian Ministry of University and Research. Year: 2004. PI: Franco Lo Piparo. Duration: 12 months.

MAJOR COLLABORATIONS:

M. Carapezza, The notion of Meaning, Metaphors; Dept. of Humanities, Univ. of Palermo.

V. Gallese, Embodied Language, Dept. of Neuroscience, Univ. of Parma.

G. Steen, Embodied Metaphors and Persuasion, Univ. of Amsterdam.

MEMBER OF THE FOLLOWING REASERCH GROUPS:

- Member of the network XPRAG.it An Italian Network of Experimental Pragmatics (Head of the Univ. of Messina section).
- Member of the CIRM Inter-university Centre for metaphor research (Head of the Univ. of Messina section).

- Member of the NeuroHumanities Studies Research Network (<u>http://www.neurohumanitiestudies.eu/</u>). Scientific Responsible: Prof. Grazia Pulvirenti, University of Catania.
- Member of the PERSONA Centre- Laboratory for Research in Phenomenology and Sciences of the Person (<u>http://www.unisr.it/view.asp?id=5759</u>). Scientific Responsible: Prof. Roberta De Monticelli, University San Raffaele, Milan.
- Member of the Metaphor Lab Amsterdam. Scientific Responsible: Prof. Gerard Steen, University of Amsterdam.
- Member of the Neuroscience research group, Scientific Responsible: Prof. Vittorio Gallese, University of Parma.

SERVICE TO THE PROFESSION:

Editorial Board Member :

Associate Editor- Frontiers in Psychology Associate Editor - Frontiers in Communication – Language Sciences

QS GLOBAL UNIVERSITY RANKINGS

Since November 2020, member of the teams of experts of the QS Global University Rankings.

PROFESSIONAL AFFILIATIONS:

Cognitive Science Society The European Society for Philosophy and Psychology RaAM Association (Association for Researching and Applying Metaphor) Italian Society for Logic and the Philosophy of Science (SILF) Italian Society for Analytic Philosophy (SIFA)

INVITED TALKS IN NATIONAL AND INTERNATIONAL CONFERENCES:

INTERNATIONAL INVITED CONFERENCES

- 11-14/06/2024 Pragmasophia 4 4th International Conference on Pragmatics and Philosophy University of Messina, Messina Invited symposium: "Turning Pragmatics experimental: psychology and artificial intelligence". Title of the talk: "Inferential processes underlying metaphor use in Deliberate Metaphor Theory".
- 20-21/11/2021 International Conference (Online) Neuromania. Neurons. Mind. Cognition Cognitive Science Department, Faculty of Philosophy and Social Science, Nicolaus Copernicus University, Toruń, Poland Keynote Speaker. Title of the talk: "The Biological Bases of Figurative Languages"
- 9-15/01/2020 International Workshop on Metaphor Studies. University of Genova.

Organized by Prof. Micaela Rossi and Prof. Ilaria Rizzato. CIRM. Title of the talk: "Deliberate Metaphors and Motor Simulation".

- 16-19/05/2016 First international Conference in Pragmatics and Philosophy, University of Palermo
- 4-6/06/2015 Neuro Humanities Studies Dialogue Workshop on the topic "Metaphors and Embodiment", University of Catania.
- 24/06/2014 International Workshop "Metaphor: From Embodied Cognition to Discourse". University of Cagliari.

NATIONAL INVITED CONFERENCES

- 21-22/04/2016 Conference "For a synthetic approach to the study of language". University of Palermo.
- 6-7/06/2007 CODISCO Conference (Co-ordination of Italian Philosophical Doctorates in Cognitive Science), "Culture, Evolution, Simulation" University of Messina.
- 5/06/2006 Second meeting of the national co-ordination of Philosophy of Mind and of Cognitive Science "Are all mental states representations?", University of Calabria.
- 2-3/06/2006 Third annual conference of Philosophical Doctorates in Cognitive Science "Human Nature: Culture, Cognition and Language", University of Messina

INVITED TALKS:

Academic Year 2014/2015

20/10/2015 – Upon invitation of Prof. Gerard Steen, Metaphor Lab Research Meeting, Department of Speech Communication, Argumentation Theory and Rhetoric, University, Amsterdam. Title of the talk: "Deliberate Metaphors and Embodied Simulation".

25-26/11/2014 – Upon invitation of Prof. Marco Carapezza Carapezza talks to students of the BA degree in Philosophy (Faculty of Arts, University of Palermo). Title of the talks: "Language, body and persuasion".

Academic Year 2013/2014

16/01/2014 – Upon invitation of Prof. Marco Carapezza and Prof. Francesca Piazza talk to the participants of the Philosophy of language lectures (Department of Humanities, University of Palermo).

2/12/2013 - Upon invitation of Prof. Gerard Steen talk to the participants of the Metaphor Lab Research Meeting (Faculty of Arts, VU University, Amsterdam).

Academic Year 2012/2013

7/06/2013 – Upon invitation of Claudia Gianelli talk to the partipants of Prof. Martin Fisher Lab meeting (Universität Potsdam, Potsdam). Title of the talk: "Context and motor simulation".

4/06/2013 – Upon invitation of Prof. Friedemann Pulvermüller talk to the participants of Brain Language Research Colloquium (Freie Universität, Berlin).

May 2013: Upon invitation of Prof. Michael Pauen talk to the participants of Research Colloquium, Berlin School of Mind and Brain (Humboldt Universität, Berlin). Title of the talk: "Figurative language and motor simulation".

Academic Year 2011/2012:

16-17/12/2011 - Upon invitation of Prof. Marco Carapezza talks to students of the BA degree in Philosophy (Faculty of Arts, University of Palermo). Title of the talks: "Negation and Motor Simulation".

3/05/12 - Upon invitation of Prof. Franco Lo Piparo talk to students of the MA degree in Philosophy and to doctoral sudents of the Ph.D programme in Philosophy of Language and of Mind (Faculty of Arts, University of Palermo). Title of the talk: "Language as action. From Pragmatics to Mirror Neurons".

4/05/2012 - Upon invitation of Prof. Marco Mazzone talk to students of the MA degree in in Foreign Languages for international (Facolty of Foreign Language and Literature, University of Catania). Title of the talk: "Meaning, usage and motor simulation".

Academic Year 2009/2010:

4/05/2010 - Upon invitation of Prof. Franco Lo Piparo talk to students of the MA degree in Philosophy and to doctoral students of the Ph.D programme in Philosophy of Language and of Mind (Faculty of Arts, University of Palermo). Title of the talk: "Negation and Theory of Mind".

Academic Year 2008/2009:

13/03/2009 - Upon invitation of Prof. Franco Lo Piparo talk to students of the MA degree in Philosophy and to the doctoral sudents of the Ph.D programme in Philosophy of Language and of Mind (Faculty of Arts, University of Palermo). Title of the talk: "Language and Spatial representations in Williams syndrome"

Academic Year 2007/2008:

19/03/2008 – Upon invitation of Prof. Franco Lo Piparo talk to students of the MA degree in Philosophy and to doctoral sudents of the Ph.D programme in Philosophy of Language and of Mind (Faculty of Arts, University of Palermo). Title of the talk: "Linguistic invariants and non-linguistic cognition. The relation between language and spatial representation".

CONFERENCE COMMUNICATIONS:

18-19/09/2024
Epistemic Injustice and Public Arguments International Conference
IFILNOVA, Nova Institute of Philosophy (IFILNOVA), Universidade Nova de Lisboa
Lisbon, Portugal
Title of the talk (with Francesca Ervas): "Epistemic injustice and metaphor resistance in the debate on schizophrenia".

1-8/08/2024

XXV World Congress of Philosophy Philosophy across Boundaries Università di Roma La Sapienza, Roma

Title of the talk (with Francesca Ervas): "At the roots of epistemic injustice towards people with

mental illness: the case of schizophrenia.

3-5/06/2024
Cognitive Futures in The Arts and Humanities
10th Annual Conference
From 4E to 5E Cognition: about Emotions
Department of Humanities – Monastero dei Benedettini, Piazza Dante
Università di Catania
Title of the talk (with Sabina Fontana): "On the Embodiment of Negation in Italian Sign Language (LIS): An Embodied Approach".

24-25/11/2023 1-2/12/2023

First Annual Web Conference of the International Society for the Philosophy of the Sciences of the Mind.

Title of the talk (with Francesca Ervas): "A multilayered embodied account of metaphor in epistemic injustice in mental illness.

Sign Café Conference, Università di Catania Ragusa, 13-15 October 2022 Title of the talk (with Sabina Fontana): "On the embodiment of negation in Italian sign language (LIS): An approach based on Multiple representation theories".

Conference Language and Knowledge: Perspectives for the Study of the Mind Università di Messina Messina 12-13 October 2022 Title of the talk: "Linguistic negation and motor response inhibition".

AISC 2022 mid-term Conference The Affective Turn in Cognitive Science University of Parma Parma, 22-24 June 2022 Title of the talk: "Motor simulation of facial expressions, but not emotional mirroring, depends on automatic sensorimotor abduction".

AISC 2021 Conference AISC 2021 17th Annual Conference of the Italian Association for Cognitive Sciences Noto, 13-15/12/2021 Title of the talk: "On the embodiment of negation. Behavioural evidence on the role of motor inhibition resources in the processing of sentence negation".

Pragmasophia Conference Università di Messina Noto, 13-16/07/2021 Title of the talk: "The biological basis of figurative language"

Convegno della Società Italiana di Neuropsicologia - SINP 2020 20-21 Novembre 2020. Online Conference. Montalti, Calbi, Cuccio, Umiltà, Gallese. Titolo dell'Intervento: "Is motor inhibition involved in the processing of sentential negation? An assessment via the Stop Signal Task"

Freie Universität XI Conference of the Association for Researching and Applying Metaphor (RAAM) "Metaphor in the Arts, in Media and Communication" Berlin, July 1-4, 2016. Speech title: "Attention to Metaphor".

Jaume I University "International Conference on Metaphor and Discourse" Castellón, Spain, 3-4 December 2015. Speech title: "Deliberate Metaphors and Embodied Simulation".

University of Palermo AISC mid-term 2015 "Il Futuro Prossimo della Scienza Cognitiva" Palermo, May 21st-22nd 2015. Speech title: "Representations of the body and metaphor processing".

University of Palermo "Building Consensus. Rhetoric between democracy and conflict". Palermo, April 15th-17th 2015 Speech title: "The communicative power of metaphors. The body of persuasion".

University of Bologna 21st Annual Meeting of Society of Philosophy of Language "Filosofia del linguaggio, semiotica e filosofia della mente. A partire da C. S. Peirce nei cento anni dalla morte" Bologna, October 2nd-4th 2014. Speech title: "Abduzione, iconismo ed Embodied Simulation".

RAAM Conference METAPHOR IN COMMUNICATION, SCIENCE AND EDUCATION Cagliari, June 20-23, 2014 Title of the talk (with Sabina Fontana): "Embodied cognition and spatial metaphors".

San Raffaele Spring School of Philosophy (SRSSP) "Naturalism, the First Person Perspective and the Embodied Mind. Lynne Baker's Challenge: Metaphysical and Practical Approaches" Milan, June 3-5, 2014 Title of the talk: "Embodied Simulation and mental representations".

University of Potsdam Embodied and Situated Language Processing Conference (ESLP) Potsdam, July 29th -31th 2013

University of La Rioja III International Conference on Meaning Construction, Meaning Interpretation: Applications and Implications (CRAL 2013) La Rioja, Spain, July 18th -20th 2013 Speech title: "On the notion of representation. Embodied Simulation and the construction of meaning"

University of Bologna 19th Annual Meeting of Society of Philosophy of Language "Senso e sensibile. Prospettive tra estetica e filosofia del linguaggio" Bologna, October 5th-7th 2012. Speech title: "Il sensibile e l'intellegibile. Metafora e corpo tra filosofia e neuroscienze"

Institute of Philosophy. School of Advanced Studies. 20th European Society for Philosophy and Psychology Conference London, 28th-31st August, 2012. Speech Title: "How the context matters. Literal and figurative meaning in the embodied language paradigm".

University of Vienna 21st International Society for Human Ethology Conference Vienna, August 28th-31^{st,} 2012. Speech Title: "From a bodily-based format of representation to symbols. The evolution of the human language".

University of Dusseldorf Conference "Sensory-motor concepts in language and cognition" Dusseldorf, December 1st-3rd, 2011. Speech title: "Inferential communication in the embodied language paradigm".

New College Embodied language conference Oxford, September 26th-28th, 2011 Speech title: "Is the embodiment all that we need? Insights from the acquisition of negation in human language"

University of Quebec in Montreal Joint conference of the "American Society for Philosophy and Psychology" and of the "European Society for Philosophy and Psychology". Montreal, July 6th-10th 2011 Speech title: " Co-evolution of language and cognition. Insights from spoken and sign languages".

University of Quebec in Montreal Young research conference in cognitive science "Cognitio 2011" Montreal, July 3rd-5th 1 2011 Speech title: "Is negation possible without language? Displacement in preverbal infants and chimpanzees".

University of Trieste 17th Annual Meeting of Society of Philosophy of Language "La dimensione pragmatica in filosofia, linguistica e semiotica" Trieste, September 16th-18th 2010. Speech title: "Spazio cognitivo e spazio pragmatico: riflessioni su lingue vocali e lingue dei segni".

Ruhr-University Bochum University of Duisburg-Essen 18th Annual Meeting of the European Society for Philosophy and Psychology Bochum and Essen, August 25th-28th, 2010 Speech title: "On negation. What do we need to say no?"

University of Palermo, ENS Convegno di Studi "Segnare, parlare, intendersi: modalità e forme" Palermo October 22th-23th, 2009 Speech title: "Riflessioni su linguaggio e rappresentazione spaziale"

University of Pisa International Conference "Space in Language" Pisa, October 8th-10th, 2009 Speech title: "Language and space in Williams syndrome".

University of Calabria 15th Annual Meeting of Society of Philosophy of Language "Origine e sviluppo del linguaggio, fra teoria e storia" Cosenza, September 15th-17th, 2008 Speech title: "Ipotesi sull'origine del linguaggio: sistema simbolico e ricorsività".

University of Messina Faculty of Science of Education Conference 2007 CODISCO (Co-ordination of Italian Philosophical Doctorates in Cognitive Science) "Culture, Evolution, Simulation" Messina-Noto, June 6th-7th, 2007 Speech title: "Perché le patologie genetiche non sono una prova della teoria modulare del linguaggio".

University of Calabria Faculty of Liberal Arts Second meeting of the national co-ordination of Philosophy of Mind and of Cognitive Science "Are all mental states representations?" Cosenza, June 5th, 2006 Speech Title:

"Il linguaggio spaziale e la sindrome di Williams"

University of Messina ^{3rd} annual conference of Philosophical Doctorates in Cognitive Science "Human Nature: Culture, Cognition and Language" Noto-Priolo, June 2nd-3rd, 2006 Speech title: "L'invarianza nella variabilità: lo spazio e la sua espressione linguistica POSTER

5th Experimental Pragmatics in Italy Conference (XPRAG.it 2024) San Camillo Hospital IRCCS (Venice Lido, Italy) September 26-27 2024 Accepted Poster: "Beyond the abstract/concrete dichotomy. Contexts of acquisition and representation of words in the human brain"

XPRAG.IT network and INTO BRAIN Association
XPARG.IT 2020(2021)
Turin, 8-9 July 2021
Poster: Martina Montalti, Marta Calbi, Maria Alessandra Umiltà, Vittorio Gallese & Valentina
Cuccio – The role of motor inhibition in implicit negation processing: theoretical reflections based on a Go/NoGo study

XPRAG.IT network and INTO BRAIN Association
XPARG.IT 2020(2021)
Turin, 8-9 July 2021
Poster: Giuseppe Di Cesare, Valentina Cuccio, Massimo Marchi, Alessandra Sciutti & Giacomo Rizzolatti – "Communicative and affective components in processing auditory vitality forms: an fMRI study"

Humboldt University International Conference "The processing of negation and polarity" Berlin, 1-2/10/2020 Organizers: XPRAG.de Title of the poster: "Is motor inhibition involved in the processing of sentential negation? An assessment via the Stop Signal Task".

University of Cagliari 3rd Experimental Pragmatics in Italy Conference Cagliari, September 19-20, 2019 Title of the poster: "On the embodiment of negation"

University of Cagliari RAAM Conference METAPHOR IN COMMUNICATION, SCIENCE AND EDUCATION Cagliari, June 20-23, 2014 Title of the poster: "Embodied Simulation and metaphors. Towards a direct role of the body in language comprehension". University of Cagliari International Conference "Metaphor and Communication" Cagliari, May 12th-14th 2011 Poster title: "Metaphors we communicate by. Two steps in the understanding of metaphors".

University of Trento VII Annual Conference of the Italian Society of Cognitive Science "Practices of Cognition" Trento, December 2nd-3rd 2010 Poster title: Genius and Disorder: A Note on Creativity in Autistic Thinking"

LANGUAGES:

Italian: native speaker. English: fluent.

PUBLICATIONS:

66. DI CESARE, G., BRUSCEHHTA R., TARTARISCO, G., VITALE, A., PELOSI A., LEONARDI E., FAMA' F.I., MASTROGIUSEPPE M., CARROZZA C., AIELLO S., CAMPISI A., MINUTOLI, R., CHILA' P., CAMPISI S., MARINO F., PIOGGIA, G., RUTA L., CUCCIO V (2024), "Divergent Kinematics: exploring Communication Dynamics in Autism across Social and Non-Social Vitality Forms", *Scientific Reports* 14, 24164.

65. CUCCIO V. (2024), "Natura e seconda natura. Per una eziologia della crisi climatica," in Giuseppe Giordano (Ed.), *La terra e i viventi*, Rubbettino.

64. GARELLO, S., FERRONI F., GALLESE, V., ARDIZZI, M., CUCCIO, V. (2024), "The Role of Embodied Cognition in Action Language Comprehension in L1 and L2", *Scientific Reports*.
63. GARELLO, S., FERRONI F., GALLESE, V., ARDIZZI, M., CUCCIO, V. (2024), "From

Breaking Bread to Breaking Hearts: Embodied Simulation and Action Language Comprehension", *Language, Cognition and Neuroscience,* DOI: <u>https://doi.org/10.1080/23273798.2024.2328596</u>.

62. MONTALTI, M., CALBI, M., UMILTA' M.A., GALLESE, V., CUCCIO, V. (2024), "The role of motor inhibition in implicit negation processing: two Go/No-Go behavioral studies", *Psychological Research*, DOI: https://doi.org/10.1007/s00426-024-01941-0.

61. CUCCIO, V. (2022), "Pragmatica ed Embodiment," in Valentina Bambini and Filippo Domaneschi (Eds.), *Pragmatica sperimentale*, Il Mulino.

60. CUCCIO, V. CARUANA, F. (2022) "Motor simulation of facial expressions, but not emotional mirroring, depends on automatic sensorimotor abduction", in Lorenzo Magnani (Ed.), *Handbook of Abductive Cognition*, Springer.

59. CUCCIO, V. DI STASIO, G., FONTANA, S. (2022), "On the embodiment of negation in Italian sign language (LIS): An approach based on Multiple representation theories", *Frontiers in Psychology*, doi doi: 10.3389/fpsyg.2022.811795

58. CUCCIO V., PERCONTI P., STEEN G., SHTYROV Y., HUANG Y. (2022), "Experimental approaches to Pragmatics", *Frontiers in Psychology*, doi

https://doi.org/10.3389/fpsyg.2022.865737

57. CUCCIO V. (2022), "The figurative brain", in Adolfo M. García & Agustín Ibáñez (Eds), *The Routledge Handbook of Neurosemiotics*, London: Routledge.

56. CUCCIO, V. (2021). "Book review: J. Littlemore (2019). Metaphors in the Mind. Sources of Variation in Embodied Metaphor. Cambridge: Cambridge University Press.

284pp. ISBN 978110841566 (HB) / 9781108241441 (EB)", *Metaphor and the Social World*, Vol. 11 (2).

55. CUCCIO, V., GRAZIANO, M. (2022). "A two-level model of embodied mathematical thinking. Body schema, body image and language". In Shyam Wuppuluri, A. C. Grayling, *Metaphors and Analogies in Sciences and Humanities: Words and Worlds*, Synthese library series, Springer.

54. G Di CESARE, V CUCCIO, M MARCHI A SCIUTTI, G RIZZOLATTI "Communicative And Affective Components in Processing Auditory Vitality Forms: An fMRI Study", *Cerebral Cortex*, 2021, bhab255, https://doi.org/10.1093/cercor/bhab255

53. Castano, E. Paladino. M.P. Cadwell, O., Cuccio, V. Perconti, P. (2021). "Exposure to Literary Fiction is Associated with Lower Psychological Essentialism". *Frontiers in Psychology*. Vol. 12. Pages: 2152. doi: 10.3389/fpsyg.2021.662940

52. MONTALTI, M., CALBI, M., CUCCIO, V., UMILTA', M.A., GALLESE, V. (2021), "Is motor inhibition involved in the processing of sentential negation? An assessment via the Stop Signal Task", *Psychological Research*. 10.1007/s00426-021-01512-7

51.Cuccio, V., Wilkinson, E., Garcia, B., Schembri, A. Fontana, S. (Eds. 2022), "Sign Language Research Sixty Years Later: Current and Future Perspectives", *Frontiers in Psychology*.

50. CUCCIO V., PERCONTI P., STEEN G., SHTYROV Y., HUANG Y. (Eds.), "Experimental approaches to Pragmatics", Special Issue, *Frontiers in Psychology*.

49. GALLESE, V., CUCCIO, V. (2020). Il corpo paradigmatico. Simulazione incarnata, intersoggettività, Sé corporeo e linguaggio. *Setting*, 4, 1-39.

48. CUCCIO V., CARUANA F. (2019), "Rethinking the abstract/concrete concepts dichotomy. Comment on "Words as social tools: Language, sociality and inner grounding in abstract concepts" by Anna M. Borghi et al.", *Physics of Life Reviews*, Vol. 29, P. 157-160. Elsevier, doi: https://doi.org/10.1016/j.plrev.2019.04.007

47. CUCCIO V., STEEN G. (2019). "Deliberate Metaphors and Embodied Simulation", in Ignasi Navarro (ed.), *Current approaches to Metaphor Analysis in Discourse*, Berlin: De Gruyter Mouton.
46. CUCCIO V. (2018). Attention to Metaphor. From neurons to representations. Amsterdam: John Benjamins Publishing Company. ISBN 9789027202116.

45. CUCCIO V., GALLESE V. (2018), "A Peircean account of concepts. Grounding abstraction in phylogeny through a comparative neuroscientific perspective", *Philosophical Transactions of the Royal Society B*, vol. 373: 20170128. http://dx.doi.org/10.1098/rstb.2017.0128

44. GALLESE V., CUCCIO V. (2018), "The neural exploitation hypothesis and its implications for an embodied approach to language and cognition: Insights from the study of action verbs processing and motor disorders in Parkinson's Disease", *Cortex* – Elsevier, volume 100, p. 215-225.

43. CARAPEZZA M., CUCCIO V. (2018), "Abductive inferences in pragmatic processes", in Capone A., Carapezza M., Lo Piparo (eds.), Further Advances in Pragmatics and Philosophy, Perspectives in Pragmatics, Philosophy & Psychology, vol 18, Cham: Springer. ISBN 978-3-319-72172-9, 457594_1_En, (11).

42. DI CEASARE G., ERRANTE A., MARCHI M., CUCCIO V. (2017), "Language for action: Motor resonance during the processing of human and robotic voices", Brain and Cognition-Elsevier, n.118, pagg. 118-127. doi: http://dx.doi.org/10.1016/j.bandc.2017.08.001.

41. CUCCIO V., FONTANA S. (2017), Embodied Simulation and Metaphorical Gestures, in F. Ervas, E. Gola, M.G. Rossi (eds.), Metaphor in Communication, Science, and Education, pagg. 77-91, Berlin: De Gruyter Mouton. ISBN 978-3-11-054748-1.

40. CARUANA F., CUCCIO V. (2017). "Overcoming the acting/reasoning dualism in intelligent behaviour", Phenomenology and the Cognitive Sciences, Springer, Volume 16, Issue 4, pp 709–713.. doi:10.1007/s11097-016-9471-1.

39. CARUANA, F., CUCCIO, V. (2017). Types of abduction in tool behaviour. Phenomenology and the Cognitive Sciences, Springer, Volume 16, Issue 2, pp 255–273. DOI 10.1007/s11097-015-9450-y.

38. CUCCIO V. (2017), Body-schema and body-image in metaphor processing, in B. Hampe (a cura di), Metaphor: From Embodied Cognition to Discourse, Cambridge University Press. ISBN: 9781107198333

37. CUCCIO V., CARUANA F. (2016), Peirce e il neuropsicologo. Dall'abduzione sensorimotoria all'abduzione cognitiva. Sistemi Intelligenti, 2-3/2016, pp.363-384. ISBN 978-88-15-26135-9.

36. GALLESE V., CUCCIO V. (2016), "Embodied simulation: A paradigm for the constitution of Self and Others. A Reply to Christian Pfeiffer" T. Metzinger & J. Windt (eds.), Open MIND, The MIT Press, Cambridge, Massachussets ISBN:9780262034609.

35. GALLESE V., CUCCIO V. (2016), "The paradigmatic body. Embodied simulation, intersubjectivity and the bodily self". T. Metzinger & J. Windt (eds.), Open MIND, The MIT Press, Cambridge, Massachussets. ISBN:9780262034609.

34. CUCCIO V., (2016), "Inferential Communication in the Embodied Language paradigm". In L. Stroebl (ed.), Sensory-Motor Concepts in Language and Cognition, Dusseldorf, Dusseldorf University Press.

33. CUCCIO V. (2016). "Embodiment and Persuasion. The communicative power of metaphors". Rivista italiana di Filosofia del linguaggio, RIFL/BC(2016): 53-65 DOI: 0.4396/2016BC04

32. CUCCIO V. (2015), "Representations of the body and metaphor processing", NEA Science, n. 7, anno 2, pp. 41-43.

31. CUCCIO V. (2015), "Embodied Simulation and metaphors. On the role of the body in the interpretation of bodily-based metaphors. *Epistemologia*, n. 1, pp. 99-113. DOI: 10.3280/EPIS2015-001007.

30. CUCCIO V., CARUANA, F., (2015), "Il corpo come icona. Abduzione, strumenti ed Embodied Simulation". Versus, n.120, 93-103.

29. CUCCIO V. (2015), "The notion of representation and the Brain", *Phenomenology and Mind*,7, 247-258. Online ISSN: 2239-4028; Print ISSN: 2280—7853.

28. CUCCIO V., CARAPEZZA, M. (2015), "Is Displacement Possible without Language? Evidence from Preverbal Infants", *Philosophical Psychology*, vol. 28, issue 3, pp.369-386. ISSN 0951-5089 (Print), 1465-394X (Online). Taylor & Francis.

27. CUCCIO V., FERRI F., AMBROSECCHIA M., CARAPEZZA M., LO PIPARO F., FOGASSI L., GALLESE V. (2014), "How the context matters. Literal and figurative meaning in the embodied language paradigm". PlosOne, 9(12) e115381. doi: 10.1371/journal.pone.0115381. eCollection 2014.

26. GALLESE V., CUCCIO, V. (2014), "Tra neuroni ed esperienza. Simulazione incarnata, linguaggio e natura umana". In A. Falzone, S. Nucera, F. Parisi (eds.), Le ragioni della natura. La sfida teorica delle scienze della vita, Messina-Roma, Corisco Edizioni, pp. 309-324. ISBN: 978-88-98138-11-1.

25. CUCCIO V. (2014), "From a bodily-based format of knowledge to symbols. The evolution of human language", **Biosemiotics**, 7, 1, pp. 49-61. ISSN: 1875-1350. Springer.

24. CARAPEZZA M., CUCCIO V. (2013), "Per un ritratto dell'artista da cerbiatto. Autismo e creatività", *Outsider Art*, N.6, pp. 89-97, ISSN: 2038-5501.

23. CUCCIO V., FERRI F., COSTANTINI M. (2013), "Percepire, desiderare, rappresentare", *Giornale italiano di psicologia*, vol. XL, 1, pp.73-78, ISSN 0390-5349.

22. CUCCIO V., CARAPEZZA M., GALLESE V. (2013). "Metafore che risuonano", E/C, Rivista dell'Associazione Italiana Studi Semiotici, ISSN 1970-7542 (on-line), 1973.2716 (print).

21. FONTANA S., CUCCIO V. (2013), Metafora e metonimia tra linguistica cognitiva e teoria della pertinenza. Uno studio delle Lingue dei Segni Primarie", Rivista di Psicolinguistica applicata, Vol. 13, 1, pp.83-110. ISSN 1592-1328 / electronic ISSN 1724-0646.

20. CUCCIO V., FONTANA S., (2013), "Metaphors understanding in sign systems". In E. Gola e F. Ervas (eds.), Metaphor in Focus: Philosophical Perspectives on Metaphor Use, CAMBRIDGE, Cambridge Scholars Publishing, pp. 155-172, SBN (10): 1-4438-4468-3, ISBN (13): 978-1-4438-4468-0.

19. CUCCIO V. (2012), Parole che risuonano. Usi linguistici e simulazione motoria. ROMA: Aracne Editrice, pp 1-148. ISBN 9788854854857.

18. CUCCIO V. (2012), "Is embodiment all that we need? Insights from the acquisition of negation", Biolinguistics, Vol. 6, 3-4, pp. 259-275. ISSN: 1450-3417.

17. CUCCIO V. (2012), "Riflessioni su linguaggio e cognizione spaziale. Un confronto tra lingue vocali e lingue dei segni". In S. Fontana, E. Mignosi (eds.), *Segnare, parlare, intendersi*, MILANO, Mimesis Edizioni, pp. 193-210. ISBN

16. CUCCIO V. (2011), "On Negation. What do we need to say no?", *RIFL*, Vol. 4, pp. 47-55. ISSN: 2036-6728.

15. CUCCIO V., ERVAS F., LABINAZ P.(eds.; 2011), *Esercizi Filosofici*, Vol. 6, No. 1, special issue. ISSN:1970-0164.

14. CUCCIO V., ERVAS F., LABINAZ P.(2011), *Introduzione*, In V. Cuccio, F. Ervas, P. Labinaz (2011) (eds.), *Esercizi Filosofici*, Vol. 6, No 1, pp.1-15. ISSN: 1970-0164.

13. CUCCIO V., FONTANA S. (2011). "Spazio cognitivo e spazio pragmatico: riflessioni su lingue vocali e lingue dei segni". In V. Cuccio, F. Ervas, P. Labinaz (2011) (eds.), *Esercizi Filosofici*, Vol. 6, No 1, pp.133-148. ISSN: 1970-0164.

12. CUCCIO V. (2011). "Review of Capone A. (ed.) 2010. Perspectives on language use and pragmatics. A volume in memory of Sorin Stati. München: Lincom". *Pragmatics and Cognition* 19 (1), 174-180. ISSN 0929-0907 / E –ISSN: 1569-9943. John Benjamins Publishing Company.

11. CUCCIO V. (2011). "Language and Cognition. Insights from Williams syndrome". US-China Foreign Language, Vol.9, No. 1 (Serial No. 88), 1-8. ISSN: 1539-8080.

10. CUCCIO V. (2010). "Language and space in Williams syndrome". In: Marotta G., Lenci A., Meini L.,Rovai F. (eds.). Space in language 2009. Proceedings of the Pisa International conference. PISA: ETS, 199-211. ISBN: 978-884672902-6.

9. CARAPEZZA M., CUCCIO V. (2010). "Genio e sregolatezza. Note sulla creatività nel pensiero autistico". In G. Ferrari, P. Bouquet, M. Cruciani, F. Giardini (eds.i). *Pratiche della cognizione*. TRENTO: Editrice Uni Service, 247-250. ISBN: 978-88-8443-349-7.

8. CUCCIO V. (2010). "La rappresentazione dello spazio e la sua espressione linguistica: l'invarianza nella variabilità". In: R. Bufalo, P. Colonnello (eds.), *Sensazione e immaginazione. Bollettino filosofico XXV (2009).* ROMA: Aracne Editrice, pp. 81-94. ISBN: 978-88-548-3384-5.

7. CUCCIO V. (2009). "Sulla natura dell'uomo: linguaggio e coevoluzione". In: V. CUCCIO e A. LI VIGNI (eds.). *Della natura umana. Quaderni del Dipartimento Fieri*, MILANO: Mimesis Edizioni, vol. 1, p.33-46. ISBN: 9788857500508.

6. CUCCIO V. (2009). "Il problema dell'origine del linguaggio e le scienze cognitive: un'ipotesi sull'evoluzione del meccanismo ricorsivo". In: D. Gambara, A. Givigliano. (eds.), Origine del linguaggio, fra teoria e storia. Atti del XV Congresso nazionale della Società di Filosofia del Linguaggio. Cosenza, 15-17 Settembre 2008, ROMA: Aracne Editore, pp. 145-158. ISBN: 978-88-548-2646-5.

5. CUCCIO V., LI VIGNI A. (2009). "Introduzione". In V. CUCCIO V., A. LI VIGNI (eds.). *Della natura umana. Quaderni del Dipartimento Fieri*. MILANO: Mimesis Edizioni vol. 1, p. 11-17. ISBN: 9788857500508.

4. CUCCIO V., LI VIGNI A. (eds.) (2009). *Della natura umana. Quaderni del Dipartimento Fieri*. MILANO: Mimesis Edizioni vol. 1. ISBN: 9788857500508.

3. CUCCIO V. (2008). "Perché le patologie genetiche non sono una prova della teoria modulare del linguaggio". In: A. Falzone e M. Campochiaro (eds.), *Cultura, evoluzione, simulazione. Atti del Convegno 2007 del CODISCO*, ROMA: Corisco, vol. 1, p. 281-289. ISBN/ISSN: 978-88-88325-12-5.

2 CUCCIO V. (2008). *Dire lo spazio. Linguaggio spazialità e sindrome di Williams*. CATANIA: Bonanno Editore, pp. 1-159. ISBN: 978-88-7796-468

1 CUCCIO V. (2007). Linguaggio e rappresentazione spaziale. PhD Thesis.

Messina, August 7, 2024 Valentina Cuccio