

Claudia Gianelli, PhD

COGNITIVE NEUROSCIENTIST

MAIN RESEARCH INTERESTS

- Motor cognition
- Mobile Brain/Body Imaging
- Action-based rehabilitation of movement disorders
- Motor cognition and decision making

EDUCATION

2010

PhD in Cognitive Neuroscience (28/05/2010)

Joint International Doctoral (PhD) Degree Department of Psychology, University of Bologna/Italy and Université Claude Bernard, Lyon/France

2006

Master of Arts degree in Semiotics (110/110 cum laude, 17/03/2006), Department of Communication Sciences, University of Bologna/Italy

OTHER PROFESSIONAL TITLES

2014

Habilitation as Associate Professor according to the Italian National Scientific Habilitation Procedure (ASN) for the Scientific sector of Psychobiology, Cognitive Psychology and Statistical Psychology

RESEARCH POSITIONS

CURRENT POSITION

Senior Assistant Professor (tenure-track) in General Psychology

Department of Clinical and Experimental Medicine

University of Messina/Italy

Research Area Coordinator

Center for Psychological Research and Intervention (CeRIP)

University of Messina/Italy

OTHER SCIENTIFIC AFFILIATIONS

2021 – present

Associated Researcher, IUSS Cognitive Neuroscience Center (ICoN), University School for Advanced Studies IUSS Pavia/Italy

2018 – present

Associated Researcher, Potsdam Embodied Cognition Group/Germany

PREVIOUS POSITIONS

June 2021 – December 2021

Research Fellow, ICS Maugeri, Pavia/Italy

2019 – 2021

Senior Research Fellow, University School for Advanced Studies IUSS Pavia/Italy

2018 – 2019

Guest Scientist, University of Potsdam/Germany

2018 – 2019

EEG Senior Scientist and Consultant, Neuraltrain GmbH, Berlin/Germany

2012 – 2018

Coordinator (Principal Investigator) of the TMS/EEG Lab for the Potsdam Embodied Cognition Group/Germany

2012 – 2018

Research Scientist, University of Potsdam/Germany

2010 – 2012

Post-doctoral researcher, Department of Psychology, University of Bologna/Italy

2009 – 2010

Research Fellow/PhD candidate, Inserm U864 Lyon (now IMPACT team), Lyon/France

2008 – 2009

Junior researcher/PhD candidate, Department of Psychology, University of Bologna/Italy

2006– 2008

Research assistant/PhD candidate, Department of Neuroscience, University of Parma/Italy

FELLOWSHIPS AND RESEARCH GRANTS**2020**

Project member, Funding from the Italian Ministry of Health (Conto Capitale CC-2019-2366595 - Cat. I (EX A)-PRV) for establishing a Mobile Brain Body Imaging Laboratory in Pavia (ICS Maugeri).

2019 – 2021

Senior Research Fellowship, University School for Advanced Studies IUSS Pavia, topic: Application of neurophysiological investigation methods (EEG and TMS) in cognitive and clinical neuroscience.

2016 – 2017

Principal Investigator, DAAD-MIUR Joint Program “The Motor System in Action. Common and specific motor representations in performing, perceiving, and communicating actions” (project 57266099)

2010 – 2012

Post-doctoral fellowship within the EU project ROSSI: Emergence of communication in RObots through Sensorimotor and Social Interaction (Grant agreement n. 216125)

2009

Marco Polo fellowship (competitive, project-based granted by the University of Bologna) for a research stay at the INSERM U864 in Lyon (1 year)

2008 – 2009

Doctoral fellowships within the EU project ROSSI: Emergence of communication in RObots through Sensorimotor and Social Interaction (Grant agreement n. 216125)

2006 – 2008

Doctoral fellowship for a national grant (PRIN) to investigate the relationship between language and gestures

INTERNAL FUNDING**2017**

1200 € Fakultäts-FNK 2017 (competitive) Workshop Organization
1500 € Fakultäts-FNK 2017 (competitive) Workshop Organization
Performance-related bonus (year 2016) awarded to 5% of University Potsdam employees

2016

1500 € Fakultäts-FNK 2016 (competitive) Extension of the TMS lab
Performance-related bonus (year 2015) awarded to 5% of University Potsdam employees

AWARDS

2007

Winner of the Rotary Prize "Premio Ghirlandina" as a young researcher (5000€)

TEACHING ACTIVITIES

2022

Role: Lecturer (Language: Italian)
Topic: General Psychology (48 hours)
Master degree in Psychology, University of Messina/Italy

2022

Role: Lecturer (Language: Italian)
Topic: History and Methods of Psychology (36 hours)
Bachelor degree in Psychology, University of Messina/Italy

2022

Role: Lecturer (Language: Italian)
Topic: Psychopedagogy (12 hours)
Bachelor degree in Neurophysiopathology Techniques, University of Messina/Italy

2022

Role: Lecturer (Language: Italian)
Topic: Laboratory of Computer and data processing (48 hours)
Bachelor degree in Psychology, University of Messina/Italy

2021

Role: Lecturer (Language: Italian)
Topic: Neurophysiological measures of action prediction and monitoring (8 hours)
Master degree, IUSS Pavia/Italy

2021

Role: Subject expert (Language: English)
Topic: Neuroeconomics (prof. Canessa)
Master degree, IUSS Pavia/Italy

2020

Role: Lecturer (Language: Italian)
Topic: Methods of Cognitive Neuroscience (TMS, EEG 8 hours)
PhD course, IUSS Pavia/Italy

Topic: Can stimulating our brains open a window into our mind? Current evidence and future perspectives of non-invasive brain stimulation (2 seminars/year, 8 hours each)
Master degree, IUSS Pavia/Italy

2012 - 2018

Role: Lecturer (Language: English)

Topics: Methods of Cognitive Neuroscience, Foundations of Social Cognition, Introduction to Brain Stimulation, Cognitive Neuroscience and Embodied Cognition (3 courses/year alternating topics, 90 hours teaching/year)
Master degrees in Cognitive Science and Psychology, University of Potsdam/Germany
Bachelor degree in Psychology, University of Potsdam/Germany

2012 - 2013

Role: Lecturer (Language: English)
Experimental course on Psychology laboratory practices (60 hours over 2 semesters)
Bachelor degree in Psychology, University of Potsdam/Germany

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2021- now

Supervision (first supervisor) for Bachelor dissertations, University of Messina/Italy

2019 – now

Joint supervision of PhD (project-based) and Master (internship, Master thesis) students
IUSS Pavia/Italy

2020 – 2021

Supervision (first supervisor) of a Master dissertation, University of Potsdam/Germany

2018 – 2019

Recruitment and supervision of student research assistants and junior scientists
neuraltrain GmbH/Germany

2012 - 2019

Recruitment and main supervision of Master research assistants for the PECoG TMS/EEG Lab, Potsdam/Germany
Supervision (first supervisor) of Master dissertations, Bachelor dissertations, lab internships, University of Potsdam/Germany

Laboratory supervision of 1 PhD candidate and 1 postdoctoral visiting researcher Division of Cognitive Sciences, University of Potsdam/Germany

INSTITUTIONAL RESPONSABILITIES

2022 –

Member of the Ethics Committee, Center for Psychological Research and Intervention (CeRIP)
University of Messina/Italy

2022 –

Member of the Teaching Board (Collegio Docenti) for the PhD course in Psychology (University of Catanzaro & University of Messina)

2022 –

Research Area Coordinator & Executive Board Member
Center for Psychological Research and Intervention (CeRIP)
University of Messina/Italy

2022 –

Member of the Scientific Committee (Comitato Tecnico Scientifico) for the Master course in Neuropsychology and Neurorehabilitation

2020 – 2021

Principal Investigator “Mobile Brain/Body Imaging and Motor Cognition”

Cognitive Neuroscience Laboratory, ICS Maugeri, Pavia/Italy

2012 – 2018

Coordinator (Principal Investigator) of the TMS/EEG laboratory for the PECoG group, Division of Cognitive Sciences University of Potsdam/Germany

2012 – 2014

Organizer of the PECoG internal meetings and seminars, University of Potsdam/Germany

ORGANISATION OF SCIENTIFIC MEETINGS

2022 (forthcoming)

Symposium “Multi-analysts and many-pipelines approaches in cognitive neuroscience: the case of EEG” Annual Meeting of the Italian Society for Psychophysiology (co-organizer with Andrea Vitale and Annalisa Pascarella)

Symposium “Human actions and their effects: from motor predictions to the sense of agency” 21st Conference of the European Society for Cognitive Psychology ESCoP (co-organizer with Marta Ghio)

2021

Embodied and Situated Language Processing (ESLP), Pavia/Italy (virtual) 20-29 September 2021 (main organizer)

2017

Motor Perspectives on Action and Interaction (30.11-01.12), Potsdam (main organizer)

2017

20th Conference of the European Society for Cognitive Psychology ESCoP (member of the local organizing committee)

2017

The motor system in action, International Workshop (9-10 March), Potsdam (main organizer)

2015

Motor perspectives on social interaction, Symposium during the International Conference on Spatial Cognition (ICSC) Rome (sole organizer)

2013

Embodied and Situated Language Processing (ESLP), Potsdam/Germany (main organizer)

ORGANISATIONAL / MANAGERIAL SKILLS

- Leadership and supervision: training and management of Bachelor, Master and PhD students
- Leadership of research projects as Principal Investigator and Research Coordinator, including acquisition of internal and external funding, resource management, and team supervision
- Research organizational skills in both the academic and industrial sector

ADVANCED EXPERIMENTAL SKILLS:

- Transcranial magnetic stimulation techniques (single pulse and repetitive TMS, MEP analysis, neuronavigation)
- EEG recordings (ANT neuro ASALab, G.Tec) and analysis (EEGLab)
- Electromyography EMG (Biopac, ANT Neuro, CED)
- Analysis of Electrodermal Activity EDA (ANT Neuro)
- Kinematics recording and analysis (BTS Smart, Ascension Trakstar, Leap Motion, HTC Vive)
- Eprime, PsychoPy, Presentation, Gorilla and Matlab for stimuli presentation and behavioral experiments

- Voice spectra analysis (Praat software)
- Advanced statistical analysis

OPEN SCIENCE:

- Member of the Steering Committee of the EEGManyPipelines (EMP) international project www.eegmanypipelines.org
- Member of the Neuropsychology of social interactions (NOI) network <http://neuropsychologyofinteractions.org>
- Organizer and promoter of several replication projects and registered reports

LINGUISTIC SKILLS:

- Italian: Native speaker
- English: Full professional proficiency
- French: Professional working proficiency
- German: Good working proficiency

COMMUNICATION SKILLS

- Excellent communication and teaching skills gained through extensive experience as researcher, lecturer, and mentor
- Excellent presentation skills gained through extensive teaching experience (2012 - on-going) as well as acting training (2012 - on-going)

PROMOTION AND DISSEMINATION

- **2021-22** Attendance of a public engagement course (40 hours) within the project MEKE at the Museo Nazionale della Scienza e della Tecnologia Leonardo da Vinci, Milano
- **2021** Talk entitled “Il cervello in movimento” aimed to high school students during the 2020 European Researchers Night (1 online talk)
- **2020** Talk entitled “Il cervello in movimento” aimed to the general public and high school students during the 2020 European Researchers Night (2 online talks)
- **2019** Participation to the 2019 European Researchers Night in Pavia demonstrating the use of sensor-less motion tracking to the children and public

EDITORIAL & REVIEW ACTIVITY

- **2021 – present**
Guest Associate Editor, Journal of Cognition for the Special Research Collection “Embodied and Situated Language Processing: Current Directions and Future Perspectives”
- **2017 – present**
Associate Editor, Frontiers in Psychology/Cognition (formerly Guest Associate Editor since 2015) and Frontiers in Neuropsychology (since 2021)
- **2009 – present**
Ad hoc expert reviewer for: Acta Psychologica, Brain and Behavior, Brain and Cognition, Brain and Language, Brain Sciences, Cognition, Cognitive Processing, Collabra, Cortex, Experimental Brain Research, European Journal of Neuroscience, Frontiers in Human Neuroscience, Frontiers in Neurorobotics, Frontiers in Psychology, Journal of Cognition, Journal of Experimental Psychology: Human Perception and Performance, Journal of Motor Behavior, Neuroimage, Neuropsychologia, Peerj, PlosOne, Philosophical Transactions B, Psychophysiology, Psychology and Neuroscience, Psychological Research, Psychological Science, Quarterly Journal of Experimental Psychology, Sage Open, Scientific Reports
- **2021 – present**
Ad hoc expert reviewer for: Agence Nationale de la Recherche (ANR), France; Human Frontier Science Program HFSP; Italian Ministry of Education, Universities and Research (MIUR), Italy

ACADEMIC REFEREES:

Martin Fischer, Full Professor, University of Potsdam, martinf@uni-potsdam.de

Anna Maria Borghi, Associate Professor, University Sapienza of Rome, anna.borghi@uniroma1.it

Nicola Canessa, Associate Professor, Scuola Universitaria Superiore IUSS Pavia, nicola.canessa@iusspavia.it

PUBLICATIONS

H-index \approx 12

Registered reports:

- **Gianelli, C.**, Kühne, K., Miklashevsky, A., Mende, M.A., Canessa, N., & Borghi, A.M. (In Principle Acceptance issued, Stage 2 ongoing) COVID-19 and the perceived dangerousness of everyday objects: a behavioural online study in Italy and Germany. *Collabra: Psychology*.
- Maiocchi, C., Canessa, N., Sozzi, S., Mattavelli, G., Nardone, A., **Gianelli, C.** (under review) Dual-task effects of walking-speed on inhibitory control and decision-making under risk. *Scientific Reports*.

Published or in press:

1. Canessa, N., Basso, G., Poggi, P., **Gianelli, C.** (accepted, in press) Altered striatal-opercular intrinsic connectivity reflects decreased aversion to losses in alcohol use disorder. *Neuropsychologia*.
2. **Gianelli, C.**, Basso, G., Manera, M., Poggi, P., & Canessa, N. (2022) Posterior fronto-medial atrophy reflects decreased loss aversion, but not executive impairment, in alcohol use disorder. *Addiction Biology* Aug 7:e13088.
3. Lo Presti, S., Mattavelli, G., Canessa, N., & **Gianelli, C.** (2022) Risk perception and behaviour during the COVID-19 pandemic: predicting variables of compliance with lockdown measures. *Plos One* 17(1):e0262319.
4. Morey, R. Kaschak, M.P., Díez-Álamo, A.M., Glenberg, A.M., Zwaan, R.A, Lakens, D., Ibáñez, A., García, A., **Gianelli, C.**, [...]. & Ziv-Crispel, N. (2021) A Pre-registered Multi-lab Non-replication of the Action-sentence Compatibility Effect (ACE). *Psychonomic Bulletin and Review*
5. **Gianelli, C.**, Maiocchi, C., & Canessa, N. (2021) Action fluency in Parkinson's disease: a mini-review and viewpoint. *Frontiers in Aging Neuroscience* 13:778429.
6. Canessa, N., Basso, G., Carne, I., Poggi, P., **Gianelli, C.** (2021) Increased decision latency in alcohol use disorder reflects altered resting-state synchrony in the anterior salience network. *Scientific Reports* 11(1):19581.
7. Lo Presti, S., Mattavelli, G., Canessa, N., & **Gianelli, C.** (2021) Psychological precursors of individual differences in COVID-19 lockdown adherence: moderated-moderation by personality and moral cognition measures. *Personality and Individual Differences* 182, Article 111090.
8. **Gianelli, C.** and Kühne, K., Location, Timing, and Magnitude of Embodied Language Processing. (2021), *Embodied Psychology: Thinking, Feeling, and Acting*, Eds. Thomas, L. and Robinson (BOOK CHAPTER)
9. Arioli, M., **Gianelli, C.**, & Canessa, N. (2021) Neural representation of social concepts: a coordinate-based meta-analysis of fMRI studies. *Brain Imaging and Behavior* 15(4):1912-1921.

10. **Gianelli, C.**, Kühne, K., Lo Presti, S., Mencaraglia, S., & Dalla Volta, R. (2020) Action processing in the motor system: Transcranial Magnetic Stimulation (TMS) evidence of shared mechanisms in the visual and linguistic modalities. *Brain and Cognition* 139:105510.
11. Kühne, K. & **Gianelli, C.** (2019) Is Embodied Cognition Bilingual? Current Evidence and Perspectives of the Embodied Cognition Approach to Bilingual Language Processing. *Front. Psychol.* 10:108.
12. **Gianelli, C.**, Gentilucci, M., eds. (2018). *Reaching to Grasp Cognition: Analyzing Motor Behavior to Investigate Social Interactions*. Lausanne: Frontiers Media. doi: 10.3389/978-2-88945-600-0
13. **Gianelli, C.** & Gentilucci, M. (2018). Editorial: Reaching to grasp cognition: analyzing motor behaviour to investigate social interactions. *Frontiers in Psychology*, 9:1236.
14. **Gianelli, C.** (2018) Embodied language and perspective taking in light of movement disorders, *Cortex*, 100:226-231.
15. **Gianelli, C.**, Marzocchi, M., Borghi, A.M. (2017) Grasping the agent's perspective: a kinematics investigation of linguistic perspective in Italian and German. *Frontiers in Psychology*, 8:42.
16. **Gianelli, C.**, & Fischer, M. H. (2016). Motor Measures of Embodiment - The Case of Number Concepts. In Coello, Y., & Fischer, M. H. (2016). *Foundations of embodied cognition – Volume 2: Conceptual and Social Embodiment* (pp. 95-107). London, UK: Taylor & Francis Press. (BOOK CHAPTER)
17. **Gianelli, C.**, & Dalla Volta, R. (2015) Does listening to action-related sentences modulate the activity of the motor system? Replication of a combined TMS and behavioral study. *Frontiers in Psychology*, 5:1511.
18. Morlino, G., **Gianelli, C.**, Borghi, A.M., Nolfi, S. (2015). Learning to manipulate and categorize in human and artificial agents. *Cognitive Science*, 39(1), 39-64.
19. **Gianelli, C.**, Lugli, L., Baroni, G., Nicoletti, R., Borghi, A.M. (2013). The impact of social context and language comprehension on behaviour: A kinematic investigation. *PLoS One*, Volume 8(12): e85151.
20. **Gianelli, C.**, Scorolli, C., & Borghi, A.M. (2013). Acting in perspective: The role of body and of language as social tools. *Psychological Research*. 77, 40 – 52.
21. Gentilucci, M., **Gianelli, C.**, Ferri, F., Campione, G.C. (2013) Intersubjectivity and embodied communication systems, *Cognitive Semiotics*, IV(1),125-138.
22. **Gianelli, C.**, Ranzini, M., Marzocchi M., Rettore Micheli L., Borghi, A.M. (2012). Influence of numerical magnitudes on the free choice of an object position. *Cognitive Processing*, 13(1), 185-188.
23. Lugli, L., Baroni, G., **Gianelli, C.**, Borghi, A.M., Nicoletti, R. (2012). Self, others, objects: How this triadic interaction modulates our behavior. *Memory and Cognition*. 40, 1373-1386.
24. Lugli, L., Baroni, G., **Gianelli, C.**, Borghi, A.M (2011). L'importanza degli "altri": come il contesto relazionale influenza il sistema motorio. *Giornale Italiano di Psicologia*, 38, 577-584.
25. **Gianelli, C.**, Farnè, A., Salemme, R., Jeannerod, M., Roy, A.C. (2011). The agent is right: when motor embodied cognition is space-dependent. *PloSOne*, 6(9), e25036.
26. Borghi, A.M, **Gianelli, C.**, Lugli, L. La dimensione sociale delle affordance: Affordance tra io e altri (2011). Special issue *Cognizione Sociale*, edited by A.M.Borghi, F. Caruana. *Sistemi intelligenti*, XXIII (2), 291-300.
27. **Gianelli, C.**, Lugli, L., Baroni, G., Nicoletti, R., Borghi, A.M (2011). "The object is wonderful or prickly": how different object properties modulate behavior in a joint context. In: Kokinov, B., Karmiloff-Smith, A., Nersessian, N. J. (eds.) *European Perspectives on Cognitive Science*. New Bulgarian University Press.

28. Ferri, F., Campione, C., Dalla Volta, R., **Gianelli, C.**, & Gentilucci, M. (2011) Social Requests and Social Affordances: How They Affect the Kinematics of Motor Sequences During Interactions Between Conspecifics. *PLoS One*, 24, 6(1), e15855.
29. **Gianelli, C.** (2010) The language of action. How language translates the dynamics of our actions, PhD Thesis, Università di Bologna.
30. Ferri, F., Stoianov, I., **Gianelli, C.**, D'Amico, L., Borghi, A.M., Gallese, V., (2010). When action meets emotions. How facial displays of emotion influence goal-related behavior. *PLoS One*, 5(10), e13126.
31. **Gianelli, C.**, Montanari, F. (2010). The retranslated movement. A study on the production and the use of images within kinematics in experimental psychology. *Tecnoscienza*, 1,1, 57-80.
32. Ferri, F., Campione, G.C., Dalla Volta, R., **Gianelli, C.**, Gentilucci, M. (2010). To me or to you? When the self is advantaged, *Experimental Brain Research*, 203 (4), 637-46.
33. Borghi, A.M., **Gianelli, C.**, Scorolli, C. (2010). Sentence comprehension: effectors and goals, self and others. An overview of experiments and implications for robotics, *Frontiers in Neurobotics*, 14, 4:3.
34. Dalla Volta, R., **Gianelli, C.**, Campione, G.C., Gentilucci M. (2009). Action word understanding and overt motor behaviour, *Experimental Brain Research*, 196, 403-412.
35. Gentilucci, M., Dalla Volta, R., **Gianelli, C.** (2008). When the hands speak, *Journal of Physiology Paris*, 102, 21-30.
36. **Gianelli, C.**, Dalla Volta, R., Barbieri, F., Gentilucci, M. (2008). Automatic grasp imitation following action observation affects estimation of intrinsic object properties, *Brain Research*, 1218, 166-80.

TALKS AND POSTERS

1. **Gianelli, C.** (June 2022) Automaticity and flexibility in processing action semantics: neural and behavioural evidence, Workshop on "Dual-aspect accounts in language processing", University of Messina (invited talk)
1. **Gianelli, C.** (May 2022) Multimodal action processing, Colloquium 'Progress in Brain Language Research', Free University Berlin (invited talk)
2. **Gianelli, C.** (May 2022) Cognitive-motor interference while walking: updated meta-analytical evidence and considerations for future research, Technical University Berlin (invited talk)
3. **Gianelli, C.** (2022) Action semantics within and beyond the motor system, Psycholinguistics Colloquium, Humboldt University Berlin (invited talk)
4. **Gianelli, C.** (2022), Action processing across languages and modalities, University of East Anglia (invited talk)
5. **Gianelli, C.**, Mencaraglia, S., Kühne, K., & Dalla Volta, R. (2019), Shared action semantics in the linguistic and visual modalities: a single-pulse TMS investigation. 7th scientific meeting of the Federation of the European Societies of Neuropsychology (FESN), Milan (talk).
6. **Gianelli, C.** (2019) Is embodied cognition bilingual? Neurophysiological evidence and implications for the study of concrete and abstract linguistic concepts. Embodied and Situated Language Processing (ESLP) 2019, Berlin (talk)
7. **Gianelli, C.**, Mencaraglia, S., Kühne, K., & Dalla Volta, R. (2019) Action semantics in the motor system: TMS evidence of shared mechanisms in the linguistic and visual modalities. CAOs workshop, Rovereto (poster presentation).

8. **Gianelli, C.** (2019) "Is embodied cognition bilingual? Implications for the study of concrete and abstract concepts", Workshop Abstract Concepts differ: Numbers, Emotions and Dangerous Things, Dipartimento di Psicologia Clinica e Dinamica, Università La Sapienza, Rome (invited talk).
9. **Gianelli, C.** (2018) "I grasp the cup that is being grasped: characterizing motor resonance under contextual and individual variability", Division of Biological Psychology, University of Duesseldorf (invited talk)
10. **Gianelli, C.,** Hintze, K., Hosseini-Kivanani, N. (2018) "On grasping and being grasped: processing active and passive language in the motor system", MeeTo 2018: from moving bodies to interactive minds, Turin (talk)
11. **Gianelli, C.** (2018) "The motor system in action: neurophysiological and behavioral evidence on processing observed and linguistic actions", Division of Cognitive Science, University of Potsdam (invited talk)
12. **Gianelli, C.** Kühne, K. (2017) Eat. Pray. Love. Embodiment of concrete and abstract verbs by native and non-native speakers. 10 years of CIMEC Workshop, Rovereto (poster)
13. **Gianelli, C.** (2017) Linguistic and individual differences: a challenge for the study of (abstract) concepts, Mind and Brain Workshop on Neurocognitive Mechanisms for Abstract Concepts, Berlin School of Mind and Brain, Berlin (invited talk)
14. **Gianelli, C.** Mencaraglia, S. (2017) EEG Evidence on the Interplay between Action Language and Perspective Taking, ESCoP, Potsdam (talk)
15. **Gianelli, C.,** Kühne, K, Rugani R. (2017) Numerical magnitude spatially biases unusual responses, poster, ESCoP, Potsdam (poster)
16. **Gianelli, C.** (2017) "I grasp what you give": Neurophysiological evidence on the interplay between action language and perspective taking, workshop "Multimodality in linguistic research", University of Potsdam (invited talk)
17. **Gianelli, C.** (2017) I grasp what you give: Putting (action) language in perspective, Italian Institute of Technology / University of Ferrara (invited talk)
18. **Gianelli, C.** (2016) Hands on interactions: the use of motor control as tool to investigate social cognition, TEAP, Heidelberg (invited talk)
19. **Gianelli, C.** (2015), Putting action in perspective, Italian Institute of Technology, Genova (invited talk)
20. **Gianelli C.** (2015) Motor perspectives on social interaction, International Conference on Spatial Cognition (ICSC) Rome (symposium organizer and introductory talk).
21. **Gianelli, C.** (2014) The quest for the perfect action verb: Fine-grained linguistic and motor validation of action-related stimuli, Embodied and situated language processing (ESLP), Rotterdam (poster)
22. **Gianelli, C.,** Sixtus, E., Fischer, M.H., Göbel, S. (2014) Stimulation of the hand motor cortex impairs number recognition: evidence from a single-pulse TMS study. CAOS: Concepts, action and objects: Functional and neural perspectives, Rovereto (poster)
23. **Gianelli, C.,** Sixtus, E., Fischer, M.H., Göbel, S. (2014) TMS over finger motor cortex impairs number perception. ESCoP, Budapest (talk)
24. **Gianelli, C.,** Lugli, L., Baroni, G., Nicoletti, R., Borghi, A.M. (2013). How social context enhances the link between linguistic stimuli and motor behavior. Embodied and situated language processing (ESLP). Potsdam (talk)
25. **Gianelli, C.** (2013) Together we speak: social interactions and action-related language processing, Freie Universität Berlin (invited talk)

26. Morlino, G., **Gianelli, C.**, Borghi, A.M., Nolfi, S. (2012). Category learning through action: A study with human and artificial agents. 5th International Conference on Spatial Cognition (ICSC): Space and Embodied Cognition, Rome (talk, presented by Morlino)
27. **Gianelli, C.**, Ranzini, M., Marzocchi, M., Rettore Micheli, L., & Borghi, A.M. (2012). Influence of numerical magnitudes on the free choice of an object position. 5th International Conference on Spatial Cognition (ICSC): Space and Embodied Cognition. Rome (talk)
28. **Gianelli, C.** (2011) "Spatial-perspective taking and bodily interactions during linguistic processing" Erasmus University Rotterdam (invited talk)
29. **Gianelli, C.**, Ranzini, M. (2011) Effects of visuo-motor adaptation on the kinematics of reaching, ESCOP 2011, San Sebastian (poster)
30. **Gianelli, C.**, Ranzini, M. (2011) Applying adaptation to kinematics: a study of the kinematics of reaching after visuo-motor adaptation, CAOS: Concepts, action and objects: Functional and neural perspectives, Rovereto (poster)
31. **Gianelli, C.**, Farné, A., Roy, A.C., (2010) From here to there: when embodied cognition is spatial-dependent. The Embodied Mind: perspectives and limitations, Radboud University Nijmegen (poster)
32. **Gianelli, C.**, Montanari, F., Translating Movements Translating Neurons (2010) A Semiotic Account. EASST Conference "Practicing science and technology, performing the social". Trento (talk)
33. **Gianelli, C.**, Farné, A., Roy, A.C. (2010) Spatial determinants for perspective taking in action-sentence compatibility effect. FENS Forum 2010, Amsterdam (poster).
34. **Gianelli, C.**, Farné, A., Roy A.C., (2010) Perspectives on action: a revision of the motor effects of language processing. CAOS: Concepts, action and objects: Functional and neural perspectives, Rovereto (poster)
35. **Gianelli, C.**, Farné, A., Roy A.C. (2010) "When perspective is not embodied. A revision of the Action-sentence Compatibility Effect", XXVII European Workshop on Cognitive Neuropsychology. Bressanone (poster/talk)
36. **Gianelli, C.**, Farné, A., Roy A.C. (2009) "A new perspective on embodiment", Trieste Symposium on Perception and Cognition, Trieste (poster)
37. Gentilucci, M., Dalla Volta, R., **Gianelli, C.**, Campione G.C. (2009) "Action Word Understanding Affects Overt Motor Behavior." Neurobiology of Language Conference Chicago (poster)
38. **Gianelli, C.**, Baroni, G., Lugli, L., Borghi, A.M., Nicoletti, R. (2009) "Tra me e te: parole e oggetti in interazione", Congresso Associazione Italiana Psicologia – Sezione di Psicologia Sperimentale, Chieti (talk)
39. Lugli, L., Baroni, G., **Gianelli, C.**, Borghi, A.M., Nicoletti, R., (2009) "Self, others and objects: how they interact and modulate the motor system", ESCOP 2009, Kracow (talk by Lugli)
40. **Gianelli, C.**, Borghi, A.M. (2009) "Engagement in action. How motor chains, goals and agents are translated in language", CAOS: Concepts, action and objects: Functional and neural perspectives, Rovereto (poster)
41. Lugli, L., Baroni, G., **Gianelli, C.**, Borghi, A.M., Nicoletti, R. (2009) "Good things to me, but not bad to others", Enacting Intersubjectivity Workshop, Lugano (poster by Lugli)
42. **Gianelli, C.** (2009) "The language of action. How language translates the dynamics of our actions", International Workshop on Motor representation and language of space – ESF, Lille (invited talk)
43. **Gianelli, C.**, Borghi, A.M. (2008) "Il linguaggio dell'azione. Catene motorie e simulazione.", Congresso Associazione Italiana Psicologia – Sezione di Psicologia Sperimentale, Padova (talk)

44. **Gianelli, C.** (2008) "What makes of a neuron a system? The adventures of mirror neurons", 4SEASST Congress: Acting with science and technology, Rotterdam (talk)
45. Dalla Volta, R., Barbieri, F., Buonocore A., **Gianelli, C.**, Gentilucci, M. (2008) "Gesturing and speaking: their interactions", FENS Forum, Ginevra (poster)
46. Ferri, F., Dalla Volta, R., **Gianelli, C.**, Barbieri, F., Gentilucci, M. (2008) "To me or to you? When the self is advantaged", Rovereto: CAOS: Concepts, action and objects: Functional and neural perspectives (poster)
47. **Gianelli, C.**, Mattozzi, A. (2007) "Nuova psicologia o semiotica? Prospettive di ricerca sui limiti di una disciplina", Congresso Associazione italiana di scienze cognitive (AISC), Roma (poster)
48. **Gianelli, C.** (2007) "Descrivere l'esperienza religiosa: semiotica e neuroscienze", Congresso AISS (Associazione italiana di semiotica), Reggio Emilia (talk)
49. Gentilucci, M., **Gianelli, C.**, Dalla Volta, R., Barbieri, F., (2007) Observation of affordances affects perception of the afforded objects. SFN Meeting, San Diego (poster)
50. Dalla Volta, R., Bernardis, P., Barbieri, F., **Gianelli, C.**, Sato, M., Gentilucci, M. (2007) Speech control is affected by hand action observation: a TMS (Transcranial Magnetic Stimulation) study. SFN Meeting, San Diego (poster)
51. **Gianelli, C.** (2007) The role of relations and of mediation in action: a semiotic perspective for neuroscience and philosophy", Congresso della Società italiana di filosofia della scienza, Milan (talk)
52. **Gianelli, C.** (2007) "The way we act: for an interdisciplinary discussion of social agency", IASS World Congress – Imatra & Helsinki, Helsinki (talk)
53. **Gianelli, C.** (2006) "Diversity in perception, cognition, experience. Some considerations from semiotics and neuroscience about the interpretation of religious experiences" presented for the "Diversity, asymmetry, resistance" congress, Dortmund (talk)

DICHIARAZIONE SOSTITUTIVA DI CERTIFICAZIONE (art. 46 e 47 D.P.R. 445/2000)

La sottoscritta Claudia Gianelli,

ai sensi e per gli effetti degli articoli 46 e 47 e consapevole delle sanzioni penali previste dall'articolo 76 del D.P.R. 28 dicembre 2000, n. 445 nelle ipotesi di falsità in atti e dichiarazioni mendaci, dichiara che le informazioni riportate nel presente curriculum vitae, redatto in formato europeo, corrispondono a verità.

Bologna, 11/03/2022