

Curriculum vitae

Chiara Ferrari

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Born in Milano (Italy), 21 August 1986.

Current Position

February 2022-
today Research Fellow (RTDB, S.S.D. M-PSI-01) at the Department of Humanities, University of Pavia, Pavia, Italy.

Previous Positions

June 2019-
January 2022 Research Fellow (RTDB, S.S.D. M-PSI-01) at the Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.

January 2017-
May 2019 Postdoc (Assegnista di Ricerca), Department of Psychology, University Milano-Bicocca, Milano, Italy. Research project “Neural underpinnings of social inferences: Cerebral and cerebellar contribution to metalizing processes”.

November 2015-
October 2016 Postdoc (Assegnista di Ricerca), Department of Psychology, University Milano-Bicocca, Milano, Italy. Research project “*Neuropsychological bases of social and emotional perception*” supported by a FIRB 2012.

October 2014-
April 2015 Visiting Research Fellow (Host: prof. Alexander Todorov), TLAB, Department of Psychology, Princeton University, Princeton, NJ, US.

November 2012-
October 2015 Ph.D. student in *Psychology, Statistical and Health Science* (Dottorato in *Psicologia, Scienze Statistiche e Sanitarie*). Thesis title: “*Forming impressions about others. Behavioral and neural evidence*”, Ph.D. supervisor: prof. Tomaso Vecchi.

October 2010-
April 2011 Internship (tirocinio post-lauream) at the Laboratory of Cognitive Psychology, Catholic University of the Sacred Heart, Milan, Italy.

Compulsory maternity leaves (congedi di maternità obbligatori):

- From 1 February 2020 to 30 June 2020
- From 1 October 2023 to 2 March 2024

Education

Habilitation

2018 Habilitation as Associate Professor in *General Psychology, Psychobiology and Psychometrics 11/E1* (5/11/2018-5/11/2027).

2012 *Professional habilitation as psychologist in Italy (Abilitazione alla professione di psicologo)*. Registration n. 15009 at the *Ordine degli Psicologi della Lombardia*.

Degrees

2012-2015	Ph.D. in <i>Psychology, Statistical and Health Science (Psicologia, Science Statistiche e Sanitarie)</i> , University of Pavia, Italy. Ph.D. Thesis title: <i>"Forming impressions about others. Behavioral and neural evidence"</i> , Ph.D. supervisor: prof. Tomaso Vecchi (graduation date 19 January 2016).
2011-2012	Second-level Master Degree (postgraduate) in <i>Neuropsychology: Diagnosis, Assessment and Rehabilitation</i> , Catholic University of Sacred Heart, Milan, Italy.
2008-2010	Master's Degree in Clinical Psychology (110/110 cum laude), Catholic University of Sacred Heart, Milan, Italy. MD Thesis title: <i>"Post Traumatic Stress Disorder and false memories. An empiric investigation with TMS"</i> , thesis supervisor: prof. Michela Balconi.
2005-2008	Bachelor's Degree in Psychology (110/110 cum laude), Catholic University of Sacred Heart, Milan, Italy. BD Thesis title: <i>"Quality Life and Obesity: assessment techniques"</i> , thesis supervisor: prof. Enrico Molinari.

Courses/ Workshops

2018	- <i>Sao Paulo School of Advanced Studies in Social and Affective Neuroscience</i> , August 20-31, Mackenzie University, Sao Paulo, Brazil.
2016	- <i>International School Brain cells and circuits Camillo Golgi. The cerebellum inside out: cells, circuits and functions</i> , December 1-5, Ettore Majorana Foundation, Erice, Italy.
2013	- <i>Summer School in Social Cognitive Neuroscience</i> , International School for Advance Studies, SISSA, 15-28 July 2013, Trieste, Italy. - <i>Theory and Practice of the Musical Cognition. Didactics, Psychology and Neuroscience</i> , University of Pavia and Accademia Teatro alla Scala, February-September 2013, Milan, Italy. - <i>NWG Practical Course Transcranial Magnetic and Electrical Stimulation</i> , University Medical Center Göttingen, Georg-August-University, 19-21 February 2013, Göttingen, Germany.
2011	- <i>Magstim TMS Summer School</i> , University of Oxford, 28-29 May 2011, Oxford, UK.

Internships abroad

2014-2015	Visiting Research Fellow (Host: prof. Alexander Todorov), TLAB, Department of Psychology, Princeton University, October 2014-April 2015, Princeton, NJ, US.
2009	International Exchange Program OVERSEAS, New York State University, August-December 2009, Albany, NY, US.
2007	International Exchange Program L.A.T.E. (Language Training Experience), San Diego State University, November-December 2007, San Diego, CA, US.

Research Awards

- **Young Talent Award 2018**, University of Milano-Bicocca and Accademia Nazionale dei Lincei.
- **Travel Grant** for the *Sao Paulo School of Advanced Studies in Social and Affective Neuroscience*, August 20-31 2018, Mackenzie University, Sao Paulo, Brazil.
- **Masao Ito Award 2016**, 7th International Symposium of the Society for Research on the Cerebellum, May 8-10, Brussels, Belgium, "Best Poster Presentation" for the poster entitled

“Predictive functions of the cerebellum: a transcranial magnetic stimulation study” by Ferrari C., Casiraghi L., Oldrati V., Bergonzoli S., Cattaneo Z., & Vecchi T.

- **Young Talent Award 2016**, University of Milano-Bicocca and Accademia Nazionale dei Lincei.

Research Grants

-2023-2025: *Co-Principal Investigator PRIN 2022 (PI of the University of Pavia Unit): project Your eyes on me: Neural and oculomotor mechanisms of gaze processing and social attention.*

-2023-2025: *Principal Investigator PRIN PNNR 2022: project Your eyes on me: Socio-emotional functions of the cerebellum: Pathophysiological mechanisms and practical therapeutic implications in Spinocerebellar Ataxia.*

Editorial Activity

Referee for the following International scientific journals:

1. Biological Psychology;
2. Brain Research
3. Frontiers in Psychology;
4. Functional Neurology;
5. Neuropsychologia;
6. PlosOne;
7. Cognitive Affective & Behavioral Neuroscience;
8. Neuroimage;
9. Cognition & Emotion;
10. Social, Cognitive & Affective Neuroscience;
11. Cortex.

Academic roles

2023-Today	<i>Member of the Ph.D. program in Cognitive Brain Sciences, IUSS and University of Pavia.</i>
2022-Today	<i>Member of the Ph.D. program in Psychology, Neuroscience and Data Science University of Pavia.</i>
2023	<i>Member of the international panel review for the evaluation procedure of undergraduate and graduate study programs for the Agency for Science and Higher Education (Croatia).</i>

Academic teaching

2022-2023	<i>General Psychology (72 hours), Bachelor's Degree in Philosophy, Department of Humanities, University of Pavia, Pavia, Italy.</i> <i>Cognition and Emotion (36 hours), Master's Degree in Psychology, Neuroscience and Human Sciences, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.</i> <i>Experimental Psychology (12 hours), Master's Degree in Psychology, Neuroscience and Human Sciences, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.</i> <i>Emotional Intelligence (18 hours), Open Badge, University of Pavia, Pavia, Italy.</i>
2020-2022	<i>Cognition and Emotion (36 hours), Master's Degree in Psychology, Neuroscience and Human Sciences, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.</i>

	<i>Experimental Psychology (9 hours)</i> , Master's Degree in Psychology, Neuroscience and Human Sciences, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.
2019-2020	<p><i>Neurobiology of Memory (36 hours)</i>, Master's Degree in Psychology, Neuroscience and Human Sciences, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.</p> <p><i>Experimental Psychology (9 hours)</i>, Master's Degree in Psychology, Neuroscience and Human Sciences, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.</p>
2018-2019	<p><i>Neurobiology of Memory (36 hours)</i>, Master's Degree in Psychology, Neuroscience and Human Sciences, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.</p> <p>Laboratory classes for the course <i>Introduction to Statistics with SPSS (72 hours)</i>, Bachelor's Degree in Psychology, Department of Psychology, University Milano Bicocca, Milano, Italy.</p> <p><i>Seminars</i> for the course <i>Experimental Psychology (12 hours)</i>, Master's Degree in Psychology, Neuroscience and Human Sciences, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.</p> <p><i>Practical course (CPG): Cerebellar Mechanisms and Cognitive Processes (10 hours)</i>, Master's Degree in Psychology, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.</p>
2017-2018	<p>Laboratory classes for the course <i>Introduction to Statistics with SPSS (72 hours)</i>, Bachelor's Degree in Psychology, Department of Psychology, University Milano Bicocca, Milano, Italy.</p> <p><i>Practical course (CPG): Cerebellar Mechanisms and Cognitive Processes (10 hours)</i> Master's Degree in Psychology, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.</p>

Teaching assistant roles

January 2018- June 2019	Teaching Assistant for the course <i>Cognitive Neuroscience and Psychobiology of Behavioral Disorders</i> (prof. Zaira Cattaneo), <i>Statistics I</i> and <i>The Measurement in Psychosocial Research</i> (prof. Cristina Zogmaister), University Milano-Bicocca, Milano, Italy.
October 2015- September 2016	<i>Mentoring program for Master Degree Theses</i> , Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.
March 2011- October 2012	Teaching Assistant of the courses <i>Neuropsychology of Communication</i> and <i>Neuropsychology and Cognitive Neuroscience</i> (prof. Michela Balconi), Catholic University of Sacred Heart, Milano, Italy.
September 2011- September 2012	Mentor of the Master in <i>Neuropsychology: Diagnosis, Assessment and Rehabilitation</i> , Catholic University of Sacred Heart, Milan, Italy.

Publications

Scopus: 42 publications, 871 total citations, **H-Index= 20**

ARTICLES IN PEER-REVIEWED JOURNALS

1. Ciricugno, A., **Ferrari, C.**, Battelli, L., & Cattaneo, Z. (2024). A chronometric study of the posterior cerebellum's function in emotional processing. *Current Biology*.
2. Arioli, M., **Ferrari, C.**, Merabet, L. B., & Cattaneo, Z. (2024). Direct reciprocity and reputation shape trust decisions similarly in blind and sighted individuals. *Consciousness and Cognition*, 120-130.

3. Vandervert, L., Manto, M., Adamaszek, M., **Ferrari, C.**, Ciricugno, A., & Cattaneo, Z. (2024). The Evolution of the Optimization of Cognitive and Social Functions in the Cerebellum and Thereby the Rise of Homo sapiens Through Cumulative Culture. *The Cerebellum*, 1-12.
4. Gatti, D., Rinaldi, L., Vecchi, T., & **Ferrari, C.** (2023). Understanding cerebellar cognitive and social functions: methodological challenges and new directions for future transcranial magnetic stimulation studies. *Current Opinion in Behavioral Sciences*, 53, 101300
5. Fiori, F., Ciricugno, A., Cattaneo, Z., & **Ferrari, C.** (2023). The Impact of the Perception of Primary Facial Emotions on Corticospinal Excitability. *Brain Sciences*, 13(9), 1291.
6. **Ferrari, C.**, Ciricugno, A., Arioli, M., & Cattaneo, Z. (2023). Functional segregation of the human cerebellum in social cognitive tasks revealed by TMS. *Journal of Neuroscience*, 43(20), 3708-3717
7. Cattaneo, Z., **Ferrari, C.**, Ciricugno, A., Heleven, E., Schutter, D. J. L. G., Manto, M., & Van Overwalle, F. (2022). New horizons on non-invasive brain stimulation of the social and affective cerebellum. *The Cerebellum*, 1-15.
8. **Ferrari, C.**, Vecchi, T., Sciamanna, G., Blandini, F., Pisani, A., & Natoli, S. (2021). Facemasks and face recognition: Potential impact on synaptic plasticity. *Neurobiology of Disease*, 2021, 153, 105319.
9. **Ferrari, C.**, Fiori, F., Suchan, B., Plow, E.B., & Cattaneo, Z. (2021). TMS over the posterior cerebellum modulates motor cortical excitability in response to facial emotional expressions. *European Journal of Neuroscience*, 53(4), 1029–1039.
10. Van Overwalle, F., Manto, M., Blevins, L. C., Cattaneo, Z., Clausi, S., **Ferrari, C.**, Gabrieli, J.D.E., Guell, X., Heleven, E., Lupo, M., Ma, Q., Michelutti, M., Olivito, G., Pu, M., Schmahmann, J. D., Siciliano, L., Sokolov, A., Stoodley, C. J., van Dun, K., Vandervert, L., & Leggio, M. (2020). Consensus Paper: Cerebellum and Social Cognition. *Cerebellum*, 19(6), 833-868.
11. Ciricugno, A., **Ferrari, C.**, Rusconi, M.L., & Cattaneo, Z. (2020). The left posterior cerebellum is involved in orienting attention along the mental number line: an online-TMS study. *Neuropsychologia*, 143, 107497.
12. **Ferrari, C.**, Oh, D., Labree, B., & Todorov, A. (2020). Learning the affective value of people: more than affect-based mechanisms. *Acta Psychologica*, 293, 103011.
13. **Ferrari, C.**, Ciricugno, A., Battelly, L., Grossmann, E.D., & Cattaneo, Z. (2021, published online 2019). Distinct Cerebellar regions for Body Motion Discrimination. *Social, Cognitive and Affective Neuroscience*, nsz088.
14. **Ferrari, C.**, Ciricugno, A., Urgesi, C., & Cattaneo, Z. (2021, published online 2019). Cerebellar contribution to emotional body language perception: a TMS study. *Social, Cognitive and Affective Neuroscience*, nsz074.
15. Cattaneo, Z., **Ferrari, C.**, Schiavi, S., Alekseichuk, I., Antal, A., & Nadal, M. (2020). Medial prefrontal cortex involvement in aesthetic appreciation of paintings: a tDCS study. *Cognitive Processing*, 21(1), 65-76.
16. **Ferrari, C.**, Papagno, C., Todorov, A., & Cattaneo, Z. (2019). Differences in Emotion Recognition from Body and Face Cues Between Deaf and Hearing Individuals. *Multisensory Research*, 32(6), 499-519.
17. **Ferrari, C.**, Schiavi, S., & Cattaneo, Z. (2018). TMS over the superior temporal sulcus affects expressivity evaluation of portraits. *Cognitive, Affective, & Behavioral Neuroscience*, 18(6), 1188-1197.
18. **Ferrari, C.**, Cattaneo, Z., Oldrati, V., Casiraghi, L., Castelli, F., D'Angelo, E., & Vecchi, T. (2018). TMS over the cerebellum interferes with short-term memory of visual sequences. *Scientific Reports*, 8(1), 6722.
19. Cattaneo, Z., Lega, C., Rinaldi, L., Merabet, L. B., **Ferrari, C.**, & Vecchi, T. (2018). The Spatial Musical Association of Response Codes does not depend on a normal visual experience: a study with early blind individuals. *Attention, Perception, & Psychophysics*, 80(4), 813-821.
20. **Ferrari, C.**, Oldrati, V., Gallucci, M., Vecchi, T., & Cattaneo, Z. (2018). The role of the cerebellum in explicit and incidental processing of facial emotional expressions: a study with transcranial magnetic stimulation. *Neuroimage*, 169, 256-264.
21. **Ferrari, C.**, Vecchi, T., Merabet, L., & Cattaneo, Z. (2017). Blindness and social trust: the effect of early visual deprivation on judgments of trustworthiness. *Consciousness and Cognition*, 55, 156-164.
22. **Ferrari, C.**, Gamond, L., Gallucci, M., Vecchi, T., Cattaneo, Z. (2017). An exploratory TMS study on prefrontal lateralization in valence categorization of facial expressions. *Experimental Psychology*, 64(4), 282-289.
23. **Ferrari, C.**, Nadal, M., Schiavi, S., Vecchi, T., Cela-Conde, C., & Cattaneo, Z. (2017). The dorsomedial prefrontal cortex mediates the interaction between moral and aesthetic valuation: a TMS study on the Beauty-is-Good stereotype. *Social Cognitive and Affective Neuroscience*, 12(5), 707-717.

24. Gamond, L., Vecchi, T., **Ferrari, C.**, Merabet, L., & Cattaneo, Z. (2017). Emotion processing in early blind and sighted individuals. *Neuropsychology*, 31(5), 516-524.
25. Gamond, L., **Ferrari, C.**, La Rocca, S., & Cattaneo, Z. (2017). Dorsomedial prefrontal cortex and cerebellar contribution to in-group attitudes: a TMS study. *European Journal of Neuroscience*, 45(7), 932-939.
26. **Ferrari, C.**, Vecchi, T., Todorov, A., & Cattaneo, Z. (2016). Interfering with activity in the dorsomedial prefrontal cortex via TMS affects social impressions updating. *Cognitive, Affective, & Behavioral Neuroscience*, 16(4), 626-634.
27. **Ferrari, C.**, Lega, C., Vernice, M., Mende-Siedleki, P., Todorov, A., Vecchi, T., & Cattaneo, Z. (2016). The dorsomedial prefrontal cortex plays a causal role in integrating social impressions from faces and verbal descriptions. *Cerebral Cortex*, 26(1), 156-165.
28. Falvello, V., Vinson, M., **Ferrari, C.**, & Todorov, A. (2015). The robustness of learning about the trustworthiness of other people. *Social Cognition*, 33(5), 368-386.
29. **Ferrari, C.**, Lega, C., Tamietto, M., Nadal, M., & Cattaneo, Z. (2015). I find you more attractive... after (prefrontal cortex) stimulation. *Neuropsychologia*, 72, 87-93.
30. Cattaneo, Z., Lega, C., **Ferrari, C.**, Vecchi, T., Cela-Conde, C. J., Silvanto, J., & Nadal, M. (2015). The role of the lateral occipital cortex in aesthetic appreciation of representational and abstract paintings: A TMS study. *Brain and Cognition*, 95, 44-53.
31. Renzi, C., **Ferrari, C.**, Schiavi, S., Papagno, C., Pisoni, A., Antal, A., Vecchi, T., & Cattaneo, Z. (2015). The role of the occipital face area in face processing: a tDCS study. *Neuropsychology*, 29(3), 409-416.
32. Balconi, M. & **Ferrari, C.** (2013). Left DLPFC rTMS stimulation reduced the anxiety bias effect or how to restore the positive memory processing in high-anxiety subjects. *Psychiatry Research*, 209(3), 554-559.
33. Balconi, M., & **Ferrari, C.** (2013). Repeated transcranial magnetic stimulation on dorsolateral prefrontal cortex improves performance in emotional memory retrieval as a function of level of anxiety and stimulus valence. *Psychiatry and Clinical Neurosciences*, 67(4), 210-218.
34. Balconi, M., & **Ferrari, C.** (2012). rTMS stimulation on left dorsolateral prefrontal cortex affects emotional cue retrieval as a function of anxiety level and gender. *Depression and Anxiety*, 29(11), 976-982.
35. Balconi, M., & **Ferrari, C.** (2012). Emotional memory retrieval. rTMS stimulation on left DLPFC increases the positive memories. *Brain Imaging & Behavior*, 6(3), 454-461.
36. Balconi, M., & **Ferrari, C.** (2012). rTMS stimulation on left DLPFC increases the correct recognition of memories for emotional target and distractor words. *Cognitive, Affective & Behavioral Neuroscience*, 12(3), 589-598.
37. Balconi, M., Sozzi, M., **Ferrari, C.**, Pisani, L., & Mariani, C. (2012). Eye movements and bisection behavior in spatial neglect syndrome: representational biases induced by the segment length and spatial dislocation of the stimulus. *Cognitive Processing*, 13, 89-92(SUPPL.1).
38. Balconi, M., & **Ferrari, C.** (2012). Anxiety disorder and rTMS effect on left DLPFC memory retrieval process. *Neurorehabilitation and Neural Repair*, 26, 422.
39. Balconi, M., Crivelli, D., **Ferrari, C.**, Sozzi, M., & Pisani, L. (2012). Vision-for-perception and vision-for-action in unilateral neglect: implications for rehabilitation. *Neurorehabilitation and Neural Repair*, 26, 421.
40. Balconi, M., Amenta, S., & **Ferrari, C.** (2012). Emotional decoding in facial expression, scripts and video. A comparison between normal, autistic and Asperger children. *Research in Autism Spectrum Disorders*, 6(1), 193-203.
41. Balconi, M. & **Ferrari, C.** (2012). Subliminal and supraliminal processing of facial expression of emotions: Brain oscillation in the left/right frontal area. *Brain Sciences*, 2(2), 85-100.
42. **Ferrari, C.** & Balconi, M. (2011). rTMS on left DLPFC affects emotional memory retrieval. The contribution of the stimulus valence. *Archives Italiennes de Biologie*, 149, 3.
43. **Ferrari, C.** & Balconi, M. (2011). DLPFC implication in memory processing of affective information. A look on anxiety trait contribution. *Neuropsychological Trends*, 9, 53-70.
44. Balconi, M., **Ferrari, C.**, & Amenta, S. (2010). Dorsolateral Prefrontal Cortex Involvement in Recognition Memory. An rTMS Study on Stress-Related Words. *Neuropsychological Trends*, 8, 100-103.

ARTICLES IN ITALIAN

- **Ferrari, C.**, Cavallini, E., Bottiroli, S., Casiraghi, L., Renzi, C., Cattaneo, Z., & Vecchi, T. (2012). La stimolazione cerebrale come strumento di intervento per i problemi mnestici dell'anziano: stato dell'arte e prospettive future [Brain Stimulation as intervention tool for mnesic deficit in aging: state of the art and future perspectives]. *Ricerche di Psicologia*, 2, 257-273

CHAPTERS IN BOOKS

1. **Ferrari, C.**, Ciricugno, A., & Cattaneo Z. (2022). Cerebellar contribution to emotional body language perception. In M. Adamaszek, M. Manto, & D., J., L., G., Schutter (Eds.), *The Emotional Cerebellum* (pp. 141-154). Advances in Experimental Medicine and Biology. Springer.
2. Amenta, S., **Ferrari, C.**, & Balconi, M. (2014). Facial expression in autistic and Asperger children. In V.B Patel., V.R. Preedy, & C.R. Martin (Eds.), *A Comprehensive guide to autism* (pp. 1885-1904). London: Springer.
3. Balconi, M. & **Ferrari, C.** (2013). Aversive vs. appetitive emotional stimulus elaboration. Subjective rating and Bis and Bas effects on psychophysiological and ERPs correlates. In M. Balconi (Ed.), *The psychology of rewards* (pp. 115-144). New York: Nova Science.
4. Balconi, M., & **Ferrari, C.** (2013). The role of reward and inhibitory systems in subliminal and supraliminal processing of facial expression of emotions. Brain Research Contribution. In M. Balconi (Ed.), *The psychology of rewards* (pp. 1-30). New York: Nova Science.

BOOKS

Ferrari, C. (2022). Cosa sono le neuroscienze sociali? [What is social neuroscience?]. Bussole. Carocci Editore.

INVITED TALKS

1. 2023. The social and affective cerebellum: evidence from brain stimulation. *Invited talk at the symposium: "The social cerebellum". Associazione "la nostra famiglia" IRCCS E. Medea Polo Friuli Venezia Giulia. September 14th 2022, Udine, Italy*
2. 2022. *Functional topography of the cerebellum in response to the comprehension of others' emotional states: a TMS study.* Invited talk at the symposium: *"New directions on the Social and Emotional Cerebellum", European Society for Cognitive and Affective Neuroscience (ESCAN), July 19-22, Vienna, Austria.*
3. 2021. Neurostimulation of the Affective Cerebellum: Processing of others' Emotional Expressions. *Invited talk at the symposium: "The social cerebellum and its role in interaction sequences". Cognitive Neuroscience Society 2021-Annual Meeting virtual conference, 13-16 March, Virtual.*
4. 2020. Investigating the role of the cerebellum in emotional processing via TMS: available evidence and future directions. *Invited talk at the symposium: "A non-invasive brain stimulation approach to the study of the affective and social cerebellum". 7th International Conference on Non-Invasive Brain Stimulation, 10-14 November, Virtual*
5. 2019. *Cerebellar Contribution to Biological Motion Perception.* Invited talk at the symposium: *"New Insights and Evidence on the Social Function of the Cerebellum", International Convention of Psychological Science (ICPS), February 7-9, Paris, France.*
6. 2018. *TMS over the cerebellum reveals the role of the cerebellum in emotional and social processing: a study with transcranial magnetic stimulation.* Invited talk at the symposium: *"The Social Cerebellum: New insights and evidence", European Society for Cognitive and Affective Neuroscience (ESCAN), July 19-22, Leiden, The Netherlands.*

7. 2018. *TMS over the cerebellum interferes with explicit and incidental processing of facial emotional expressions*. Invited talk at the symposium: “*The social cerebellum*”, *MeeTo 2018: From moving bodies to interactive minds*, May 25-27, Turin, Italy.
8. 2017. *Neural correlates of aesthetic experience*. Invited talk at the symposium “*Da piacere al vizio: il ruolo della ricompensa nell’evoluzione, la cognizione, il cervello e la società*”, *23th Annual Meeting of the Italian Association of Psychology, Section of Experimental Psychology*, September 20-22, Bari, Italy.
9. 2016. *The cerebellum is involved in sequences processing and prediction: a TMS study*. Invited talk at the symposium: “*New Evidence on the Role of the Cerebellum in Social Cognition*”, *Third international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN)*, June 23-26, Porto, Portugal.
10. 2016. *Elaborazione emotiva dei corpi e privazione uditiva*. Invited talk at the symposium “*Dalla sordità alla struttura della mente*”, *22nd Annual Meeting of the Italian Association of Psychology, section of Experimental Psychology*, September 20-22, Rome, Italy.
11. 2015. Invited talk by prof. Van Overwalle. Talk title: “*A cognitive role of the cerebellum in sequences detection: evidence from TMS*”, November 5, Vrije Universiteit Brussel, Bruxelles, Belgium.

ABSTRACTS/CONFERENCES (TALKS AND POSTER PRESENTATIONS)

1. Paternò, S., & **Ferrari, C.** (2023). Lateralization of the cerebellum in mentalizing: a TMS study. *NeuroCog2023*, November 23-24, Bruxelles, Belgium.
2. Paternò, S., & **Ferrari, C.** (2023). The effect of face trustworthiness on motor corticospinal excitability: a transcranial magnetic stimulation study. *29th Annual Meeting of the Italian Association of Psychology (AIP), section of Experimental Psychology*, September 18-20, Lucca, Italy.
3. Paternò, S., & **Ferrari, C.** (2023). Motor corticospinal excitability during the observation of faces varying in trustworthiness. *23rd Conference of the European Society for Cognitive Psychology (ESCAP)*, September 6-9, Porto, Portugal.
4. Cattaneo, Z., & **Ferrari, C.** (2019). Cerebellar contribution to body processing revealed by non-invasive brain stimulation. *21st Conference of the European Society for Cognitive Psychology*, September 25-28, Tenerife, Spain.
5. **Ferrari, C.**, & Cattaneo, Z. (2019). TMS over STS affects expressivity evaluation of portraits. *21st Conference of the European Society for Cognitive Psychology*, September 25-28, Tenerife, Spain.
6. **Ferrari, C.**, Ciricugno, A., Vecchi, T., & Cattaneo, Z. (2018). Cerebellar contribution body motion discrimination. *24th Annual Meeting of the Italian Association of Psychology, section of Experimental Psychology*, September 18-20, Milan, Italy
7. Cattaneo, Z., & **Ferrari, C.** (2019). Cerebellar contribution to affective processing revealed by non-invasive brain stimulation. *10th International meeting of the Society for research on the Cerebellum and Ataxias 2019*, 16-17 May 2019, Sheffield, UK.
8. **Ferrari, C.**, Vecchi, T., & Merabet, L., Cattaneo, Z. (2018). Blindness and social trust: The effect of early visual deprivation on judgments of trustworthiness. *23rd Annual Meeting of the Italian Association of Psychology, section of Experimental Psychology*, July 3-6, Madrid, Spain.
9. Ciricugno, A., Vecchi, T., **Ferrari, C.**, & Cattaneo, Z. (2018). The role of the cerebellum in space representation. *23rd Annual Meeting of the Italian Association of Psychology, section of Experimental Psychology*, July 3-6, Madrid, Spain.
10. **Ferrari, C.**, Cattaneo, Z., Oldrati, V., Casiraghi, L., Castelli, F., D’Angelo, E., & Vecchi, T. (2018). TMS over the cerebellum interferes with short-term memory of visual sequences. *1st International Workshop on Predictive Processing*, June 20-22, San Sebastian, Spain.
11. **Ferrari, C.**, Oldrati, V., Vecchi, T., & Cattaneo, Z. (2018). The role of the cerebellum in explicit and incidental processing of facial emotional expressions: a study with TMS. *11st Annual Meeting of the Social & Affective Neuroscience Society (SANS)*, May 3-5, New York, US.

12. **Ferrari, C.**, Nadal, M., Schiavi, S., Vecchi, T., Cela-Conde, C., & Cattaneo, Z. (2017). The dorso-medial prefrontal cortex mediates the interaction between moral and aesthetic valuation: a TMS study on the Beauty-is-Good stereotype. *International Conference Cognitive Neuroscience of Executive Functions*, September 28-30, Padova, Italy.
13. **Ferrari, C.**, Oldrati, V., Vecchi, T., & Cattaneo, Z. (2017). The role of the cerebellum in explicit and incidental processing of facial emotional expressions: a study with TMS. *22nd Annual Meeting of the Italian Association of Psychology, section of Experimental Psychology*, September 20-22, Bari, Italy.
14. Vecchi, T., **Ferrari, C.**, Oldrati, V., & Cattaneo, Z. (2017). Visual motion discrimination and the vermis: A pilot study with slow-frequency TMS. *20th Conference of the European Society for Cognitive Psychology*, September 4-6, Potsdam, Germany.
15. **Ferrari, C.**, Vecchi, T., Oldrati, V., & Cattaneo, Z. (2017). Visual motion discrimination and the vermis: A pilot study with slow-frequency TMS. *8th International Symposium of the Society for Research on the Cerebellum*, May 24-26, Winnipeg, Canada.
16. **Ferrari, C.**, Oldrati, V., Reverberi, C., Vecchi, T., & Cattaneo, Z. (2016). Slow-frequency TMS over the vermis impairs motion detection. A preliminary study on the lasting effects of cerebellar TMS over behavior. *International School Brain cells and circuits Camillo Golgi. The cerebellum inside out: cells, circuits and functions*, December 1-5, Ettore Majorana Foundation, Erice, Italy.
17. Oldrati, V., **Ferrari, C.**, Cattaneo, Z., & Vecchi, T. (2016). Visuospatial sequence processing impairment by means of transcranial magnetic stimulation of the cerebellum. *22nd Annual Meeting of the Italian Association of Psychology, section of Experimental Psychology*, September 20-22, Rome, Italy.
18. Oldrati, V., **Ferrari, C.**, Cattaneo, Z., & Vecchi, T. (2016). Cerebellar involvement in facial emotion discrimination: a TMS study. *6th International Conference on Transcranial Brain Stimulation*, September 7-10, Göttingen, Germany.
19. Vecchi, T., **Ferrari, C.**, Lega, C., & Cattaneo, Z. (2016). The cerebellar contribution in cognitive and emotional processes. *30th European Workshop on Imagery and Cognition*, June 6-8, Paris, France.
20. Cattaneo, Z., **Ferrari, C.**, Lega, C., & Nadal, M. (2016). Neural bases of aesthetic appreciation: evidence from brain stimulation. *30th European Workshop on Imagery and Cognition*, June 6-8, Paris, France.
21. **Ferrari, C.**, Vecchi, T., Todorov, A., & Cattaneo, Z. (2015). The role of the dorsomedial prefrontal cortex in forming and updating social impressions. *19th Conference of the European Society for Cognitive Psychology*, September 17-20, Cyprus.
22. **Ferrari, C.**, Vecchi, T., Todorov, A., & Cattaneo, Z. (2015). Updating social impressions: the role of the medial prefrontal cortex. *21st Annual Meeting of the Italian Association of Psychology, section of Experimental Psychology*, September 10-12, Rovereto, Italy.
23. Oldrati, V., **Ferrari, C.**, Vecchi, T., & Cattaneo, Z. (2015). The role of the orbitofrontal cortex in attractiveness evaluation: a pilot study. *21st Annual Meeting of the Italian Association of Psychology, section of Experimental Psychology*, September 10-12, Rovereto, Italy.
24. Casiraghi, L., **Ferrari, C.**, Oldrati, V., Bergonzoli, S., Cattaneo, Z., & Vecchi, T. (2015). A cognitive role of the cerebellum in predictive functions: evidence from transcranial magnetic stimulation. *21st Annual Meeting of the Italian Association of Psychology, section of Experimental Psychology*, September 10-12, Rovereto, Italy.
25. Cattaneo, Z., Vecchi, T., Lega, C., **Ferrari, C.**, Silvanto, J., Cela-Conde, C., & Nadal, M. (2015). The lateral occipital cortex plays a causal role in aesthetic appreciation of figurative paintings. *21st Annual Meeting of the Organization for Human Brain Mapping*, June 14 – 18, Honolulu, USA.
26. **Ferrari, C.**, Casiraghi, L., Oldrati, V., Bergonzoli, S., Cattaneo, Z., & Vecchi, T. (2015). Predictive functions of the cerebellum: a transcranial magnetic stimulation study. *7th Symposium of the Society for Research on the Cerebellum*, May 8-10, Brussels, Belgium.
27. Cattaneo, Z., **Ferrari, C.**, Lega, C., Vernice, M., Tamietto, M., Mende-Siedleki, P., Todorov, A., & Vecchi, T. (2015). The DMPFC plays a causal role in integrating social impression from faces and verbal description: A TMS study. *International Convention of Psychological Science*, March 12-14, Amsterdam, The Netherlands.
28. **Ferrari, C.**, Lega, C., Vernice, M., Tamietto, M., Mende-Siedleki, P., Todorov, A., & Cattaneo, Z. (2014). The dorsomedial prefrontal cortex plays a causal role in integrating social impressions from faces and

verbal descriptions. *20th Annual Meeting of the Italian Association of Psychology, section of Experimental Psychology*, September 16-18, Pavia, Italy.

29. **Ferrari, C.**, Lega, C., Vernice, M., Tamietto, M., Mende-Siedleki, P., Vecchi, T., Todorov, A., & Cattaneo Z. (2014). The dorsomedial prefrontal cortex plays a causal role in integrating social impressions from faces and verbal descriptions. *9th FENS Forum of Neuroscience*, July 5-9, Milano, Italy.
30. Schiavi, S., Renzi, C., **Ferrari, C.**, Pisoni, A., Antal, A., Vecchi, T., & Cattaneo, Z. (2014). The role of the occipital face area in detection and holistic processing of faces: a tDCS study. *9th FENS Forum of Neuroscience*, July 5-9, Milano, Italy.
31. Vecchi, T., **Ferrari, C.**, Bergonzoli, S., & Cattaneo, Z. (2014). Cognition links to sensory-motor processing: insight from studying cerebellar functions. *14th European Workshop on Imagery and Cognition*, June 18-20, Cyprus.
32. **Ferrari, C.**, & Balconi, M. (2011). *rTMS on the left DLPFC affects emotional memory retrieval. The contribution of the stimulus valence*. *XIX Congresso Nazionale della Società Italiana di Psicofisiologia*, November 14-16, Brescia, Italy.
33. Balconi, M., & **Ferrari, C.** (2011). Anxiety disorder and rTMS effect on left DLPFC in memory retrieval processes. *1st European Neurorehabilitation Congress*, October 20-22, Merano, Italy.
34. **Ferrari, C.**, & Balconi, M. (2011). The role of DLPFC and trait anxiety in emotional memory retrieval. A rTMS study. *8th Word Congress of Neuroscience. International Brain Research Organization IBRO*, July 14-18, Florence, Italy.
35. Balconi, M., Crivelli, D., **Ferrari, C.**, Sozzi, M., & Pisani, L. (2011). Vision-for-perception and vision-for-action in unilateral neglect: implications for rehabilitation. *1st European Neurorehabilitation Congress*, October 20-22, Merano, Italy.
36. Balconi, M., **Ferrari, C.**, & Amenta, S. (2011). Emozione e cognizione nel ricordo di stimoli emotivi. Uno studio rTMS sul contributo della DLPFC. *17th Annual Meeting of the Italian Association of Psychology, section of Experimental Psychology*, September 14-16, Catania, Italy.
37. Crivelli, D., Balconi, M., & **Ferrari, C.** (2011). Vision-for-action in unilateral neglect: "virtual" grasping influences visual exploration of spatially displace stimuli. *3rd Scientific meeting of the ESN*, September 7-9, Basle, Switzerland.
38. Balconi, M., & **Ferrari, C.** (2011). DLPFC in emotional memory retrieval. rTMS effects on familiarity and salience. *3rd Scientific meeting of the ESN*, September 7-9, Basle, Switzerland.
39. Balconi, M., **Ferrari, C.**, & Amenta, S. (2010). Dorsolateral prefrontal cortex involvement in recognition memory. An rTMS study on stress-related words. *Nuove Prospettive della Stimolazione Elettrica Transcranica: tra Sperimentazione e Clinica*, November 12, Brescia, Italy.