

## CURRICULUM VITAE ET STUDIORUM:

### ALBERTO PISONI - PhD

Born in Legnano (MI) on 08/05/1985  
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#### Bibliometric indicators

H-Index (Scopus): 19  
# Citations (Scopus): 1170  
# Publications (Scopus): 44

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#### EDUCATION

January 2014      **PhD in “Experimental Psychology, Linguistic and Cognitive Neuroscience”**, Department of Psychology, University Milano-Bicocca, Milan, Italy.  
Supervisor: Costanza Papagno, MD, PhD  
Thesis Title: “Investigating the neural correlates of language production by means of tDCS”  
July 2009      **Master in Science** in Clinical psychology and neuropsychology, University of Milano Bicocca, Milan, Italy.  
Final dissertation: “Arcuate Fasciculus and Language deficit recovery in post awake-surgery Patients” (110/110 cum laude)  
Supervisor: Costanza Papagno, MD, PhD

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#### ACADEMIC POSITIONS

31/11/2021 – present      **Associate professor** in psychobiology and physiological psychology at the University of Milano – Bicocca, department of Psychology.  
01/12/2018 – 30/11/2021      **Assistant professor** in psychobiology and physiological psychology at the University of Milano – Bicocca, department of Psychology.  
01/01/2015 – 30/11/2018      **Post-doctoral research fellow** at the University of Milano – Bicocca, department of Psychology.  
Advisor: Leonor J. Romero Lauro, PhD  
October 2016      Visiting Researcher at Glasgow University, Psychology department, in collaboration with Prof. Gregor Tuth.  
15/03/2014 – 30/09/2014      **Research assistant**, Institute for Response-Genetics, University of Zurich.  
Advisor: to H.H Stassen, PD, PhD  
01/03/2012 – 01/03/2013      **Visiting PhD student** at Clinical Neurophysiology department, Universitätsmedizin Gottingen under the supervision of Prof W. Paulus and Dr. Rer. Nat A. Antal.

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#### TEACHING EXPERIENCES

##### **Sigmund Freud University, Milan, Italy**

Bachelorstudium Psychologie

2014 - 2016      Lecturer of Neuroscience and Advanced Neuroscience for, Italy.

##### **University of Milano Bicocca, Milan, Italy**

Master degree course of Clinical Psychology and Neuropsychology in the life span, Department of Psychology

2018 - 2019      Lecturer of the “Laboratory of Neuropsychological evaluation”  
Lecturer of the “Laboratory of Assessment and potentiation of sensorymotor skills”  
2019 - 2023      Lecturer of “Neuro-functional methods in neuropsychology and clinical psychology

Master degree course of Applied Experimental Psychological Sciences, Department of Psychology

2021-2024                    Lecturer of “Cognitive Neuroscience”  
Lecturer for the laboratory of “Experimental design and programming in E-Prime”

Master degree course of Neuropsychology and Cognitive neuroscience

2023 - 2024                    Lecturer of the “Imaging and Neurostimulation Techniques”

Bachelor degree course of Psychological sciences and techniques, Department of Psychology

2019 - 2020                    Lecturer of the “Laboratory of Neuropsychological methodology”  
2022-2024                    Lecturer of “Anatomo-physiological Fundamentals of Psychological activity”

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#### PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

2013 – present                Member of the Italian society for neuropsychology (SINP)  
2014 – present                Member of the society for the neurobiology of language (SNL)  
2017 – present                Member of the Italian society for psychophysiology and cognitive neuroscience (SIPF)

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#### PUBLICATIONS IN PEER REVIEWED INTERNATIONAL JOURNALS

- Lauro, L. J. R., **Pisoni, A.**, Zerboni, H., & Papagno, C. (2007). Brain and Language
- Cattaneo Z., **Pisoni A.**, Papagno C. (2011). Transcranial direct current stimulation over Broca's region improves phonemic and semantic fluency in healthy individuals. *Neuroscience*.
- Cattaneo Z., **Pisoni A.**, Papagno C., Silvanto J. (2011). Modulation of visual cortical excitability by working memory: Effect of luminance contrast of mental imagery. *Frontiers in Psychology*.
- **Pisoni A.**, Papagno C., Cattaneo Z. (2012). Neural correlates of the semantic interference effect: New evidence from transcranial direct current stimulation. *Neuroscience*.
- Chaieb L., Antal A., **Pisoni A.**, Saiote C., Opitz A., Ambrus G.G., Focke N., Paulus W. (2014). Safety of 5 kHz tACS. *Brain Stimulation*.
- Romero Lauro L.J., Rosanova M., Mattavelli G., Convento S., **Pisoni A.**, Opitz A., Bolognini N., Vallar G. (2014). TDCS increases cortical excitability: Direct evidence from TMS-EEG. *Cortex*.
- **Pisoni A.**, Lo Gerfo E., Ottone S., Ponzano F., Zarri L., Vergallito A., Romero Lauro L.J. (2014). Fair play doesn't matter: MEP modulation as a neurophysiological signature of status quo bias in economic interactions. *NeuroImage*.
- **Pisoni A.**, Vernice M., Iasevoli L., Cattaneo Z., Papagno C. (2015). Guess who? Investigating the proper name processing network by means of tDCS. *Neuropsychologia*.
- **Pisoni A.**, Turi Z., Raithel A., Ambrus G.G., Alekseichuk I., Schacht A., Paulus W., Antal A. (2015). Separating recognition processes of declarative memory via anodal tDCS: Boosting old item recognition by temporal and new item detection by parietal stimulation. *PLoS ONE*.
- Renzi C., Ferrari C., Schiavi S., **Pisoni A.**, Papagno C., Vecchi T., Antal A., Cattaneo Z. (2015). The role of the occipital face area in holistic processing involved in face detection and discrimination: A tDCS study. *Neuropsychologia*.
- Ambrus G.G., **Pisoni A.**, Primaßin A., Turi Z., Paulus W., Antal A. (2015). Bi-frontal transcranial alternating current stimulation in the ripple range reduced overnight forgetting. *Frontiers in Cellular Neuroscience*.
- Papagno C., Casarotti A., Comi A., **Pisoni A.**, Lucchelli F., Bizzi A., Riva M., Bello L. (2016). Long-term proper name anomia after removal of the uncinate fasciculus. *Brain Structure and Function*.
- Romero Lauro L.J., **Pisoni A.**, Rosanova M., Casarotto S., Mattavelli G., Bolognini N., Vallar G. (2016). Localizing the effects of anodal tDCS at the level of cortical sources: A Reply to Bailey et al., 2015. *Cortex*.
- Papagno C., Cecchetto C., **Pisoni A.**, Bolognini N. (2016). Deaf, blind or deaf-blind: Is touch enhanced?. *Experimental Brain Research*.
- Papagno C., **Pisoni A.**, Mattavelli G., Casarotti A., Comi A., Fumagalli F., Vernice M., Fava E., Riva M., Bello L. (2016). Specific disgust processing in the left insula: New evidence from direct electrical stimulation. *Neuropsychologia*.
- Cattaneo Z., **Pisoni A.**, Gallucci M., Papagno C. (2016). TDCS effects on verbal fluency: A response to Vannorsdall et al (2016). *Cognitive and Behavioral Neurology*.
- Braun S., Annovazzi C., Botella C., Bridler R., Camussi E., Delfino J.P., Mohr C., Moragrega I., Papagno C., **Pisoni A.**, Soler C., Seifritz E., Stassen H.H. (2017). Assessing Chronic Stress, Coping Skills, and Mood Disorders through Speech Analysis: A Self-Assessment 'Voice App' for Laptops, Tablets, and Smartphones. *Psychopathology*.

- **Pisoni A.**, Cerciello M., Cattaneo Z., Papagno C. (2017). Phonological facilitation in picture naming: When and where? A tDCS study. *Neuroscience*.
- **Pisoni A.**, Mattavelli G., Casarotti A., Comi A., Riva M., Bello L., Papagno C. (2018). Object-action dissociation: A voxel-based lesion-symptom mapping study on 102 patients after glioma removal. *NeuroImage: Clinical*.
- **Pisoni A.**, Mattavelli G., Papagno C., Rosanova M., Casali A.G., Lauro L.J.R. (2018). Cognitive enhancement induced by anodal tDCS drives circuit-specific cortical plasticity. *Cerebral Cortex*.
- Lo Gerfo E., **Pisoni A.**, Ottone S., Ponzano F., Zarri L., Vergallito A., Varoli E., Fedeli D., Romero Lauro L.J. (2018). Goal achievement failure drives corticospinal modulation in promotion and prevention contexts. *Frontiers in Behavioral Neuroscience*.
- Varoli E., **Pisoni A.**, Mattavelli G.C., Vergallito A., Gallucci A., Mauro L.D., Rosanova M., Bolognini N., Vallar G., Lauro L.J.R. (2018). Tracking the effect of cathodal transcranial direct current stimulation on cortical excitability and connectivity by means of TMS-EEG. *Frontiers in Neuroscience*.
- **Pisoni A.**, Romero Lauro L.J., Vergallito A., Maddaluno O., Bolognini N. (2018). Cortical dynamics underpinning the self-other distinction of touch: A TMS-EEG study. *NeuroImage*.
- Vergallito A., Riva P., **Pisoni A.**, Romero Lauro L.J. (2018). Modulation of negative emotions through anodal tDCS over the right ventrolateral prefrontal cortex. *Neuropsychologia*.
- Mattavelli G., **Pisoni A.**, Casarotti A., Comi A., Sera G., Riva M., Bizzi A., Rossi M., Bello L., Papagno C. (2019). Consequences of brain tumour resection on emotion recognition. *Journal of Neuropsychology*.
- Mattavelli G., **Pisoni A.**, Romero Lauro L.J., Marino B.F., Bonomi M., Rosanova M., Papagno C. (2019). TMS-EEG approach unveils brain mechanisms underlying conscious and unconscious face perception. *Brain Stimulation*.
- **Pisoni A.**, Mattavelli G., Casarotti A., Comi A., Riva M., Bello L., Papagno C. (2019). The neural correlates of auditory-verbal short-term memory: a voxel-based lesion-symptom mapping study on 103 patients after glioma removal. *Brain Structure and Function*.
- Riva P., Manfrinati A., Sacchi S., **Pisoni A.**, Romero Lauro L.J. (2019). Selective changes in moral judgment by noninvasive brain stimulation of the medial prefrontal cortex. *Cognitive, Affective and Behavioral Neuroscience*.
- Giurgola S., **Pisoni A.**, Maravita A., Vallar G., Bolognini N. (2019). Somatosensory cortical representation of the body size. *Human Brain Mapping*.
- Guidali G., **Pisoni A.**, Bolognini N., Papagno C. (2019). Keeping order in the brain: The supramarginal gyrus and serial order in short-term memory. *Cortex*.
- **Pisoni A.**, Sperandeo P.R., Romero Lauro L.J., Papagno C. (2020). The Role of the Left and Right Anterior Temporal Poles in People Naming and Recognition. *Neuroscience*.
- de Tommaso M., Betti V., Bocci T., Bolognini N., Di Russo F., Fattapposta F., Ferri R., Invitto S., Koch G., Miniussi C., Piccione F., Ragazzoni A., Sartucci F., Rossi S., Arcara G., Berchicci M., Bianco V., Delussi M., Gentile E., Giovannelli F., Mannarelli D., Marino M., Mussini E., Pauletti C., Pellicciari M.C., **Pisoni A.**, Raggi A., Valeriani M. (2020). Pearls and pitfalls in brain functional analysis by event-related potentials: a narrative review by the Italian Psychophysiology and Cognitive Neuroscience Society on methodological limits and clinical reliability—part I. *Neurological Sciences*.
- Terruzzi S., Crivelli D., **Pisoni A.**, Mattavelli G., Romero Lauro L.J., Bolognini N., Vallar G. (2021). The role of the right posterior parietal cortex in prism adaptation and its aftereffects. *Neuropsychologia*.
- Terruzzi S., Crivelli D., Campana E., **Pisoni A.**, Romero Lauro L.J., Bolognini N., Vallar G. (2021). Exploring the time-course and the reference frames of adaptation to optical prisms and its aftereffects. *Cortex*.
- Papagno C., **Pisoni A.**, Gainotti G. (2021). False alarms during recognition of famous people from faces and voices in patients with unilateral temporal lobe resection and normal participants tested after anodal tDCS over the left or right ATL. *Neuropsychologia*.
- Vergallito A., Gallucci A., **Pisoni A.**, Punzi M., Caselli G., Ruggiero G.M., Sassaroli S., Romero Lauro L.J. (2021). Effectiveness of noninvasive brain stimulation in the treatment of anxiety disorders: A meta-analysis of sham or behaviour-controlled studies. *Journal of Psychiatry and Neuroscience*.
- Albini F., **Pisoni A.**, Salvatore A., Calzolari E., Casati C., Marzoli S.B., Falini A., Crespi S.A., Godi C., Castellano A., Bolognini N., Vallar G. (2022). Aftereffects to Prism Exposure without Adaptation: A Single Case Study. *Brain Sciences*.
- Vergallito A., Feroldi S., **Pisoni A.**, Lauro L.J.R. (2022). Inter-Individual Variability in tDCS Effects: A Narrative Review on the Contribution of Stable, Variable, and Contextual Factors. *Brain Sciences*.
- Gallucci A., Mauro L.D., **Pisoni A.**, Lauro L.J.R., Mattavelli G. (2023). Social Neurobiology of Eating Special Issue A systematic review of implicit attitudes and their neural correlates in eating behaviour. *Social Cognitive and Affective Neuroscience*.
- Vergallito A., Varoli E., **Pisoni A.**, Mattavelli G., Del Mauro L., Feroldi S., Vallar G., Romero Lauro L.J. (2023). State-dependent effectiveness of cathodal transcranial direct current stimulation on cortical excitability. *NeuroImage*.
- Bianco V., Arrigoni E., Di Russo F., Romero Lauro L.J., **Pisoni A.** (2023). Top-down reconfiguration of SMA cortical connectivity during action preparation. *iScience*.

- Arrigoni E., Rappo E., Papagno C., Romero Lauro L.J., **Pisoni A.** (2024). Neural Correlates of Semantic Interference and Phonological Facilitation in Picture Naming: A Systematic Review and Coordinate-Based Meta-analysis. *Neuropsychology Review*.
- **Pisoni A.**, Arrigoni E., Bolognini N., Guidali G., Romero Lauro L.J., Vergallito A. (2024). Enhanced mind–matter interactions? A commentary on Freedman et al., 2024. *Cortex*.
- Arrigoni E., Antoniotti P., Bellocchio V., Veronelli L., Corbo M., **Pisoni A.** (2024). Neural alterations underlying executive dysfunction in Parkinson's disease: A systematic review and coordinate-based meta-analysis of functional neuroimaging studies.. *Ageing Research Reviews*.

## BOOK CHAPTERS

- C. Papagno e **A. Pisoni**. “La stimolazione cerebrale non invasiva nel trattamento dei deficit mnestici e disesecutivi”, in “Stimolare il cervello”, Bolognini, N., Vallar, G. Eds, Il Mulino, Bologna.
- **A.Pisoni**. “Stimolazioni magnetiche ed elettriche transcraniche e riabilitazione neuropsicologica”, in “Manuale di Riabilitazione Neuropsicologica”, Papagno, C., Vallar, G. Eds, Il Mulino, Bologna

## INVITED LECTURES

- 9th – 10th Feb 2016. Invited lecturer at the NWG on “Theory and Practice of Transcranial Brain Stimulation (TMS, tDCS/tACS)” on “TMS-EEG techniques”, Clinical Neurophysiology department, UniversitatMedizin of Gottingen, Gottingen, Germany
- 28th Mar 2018. “VLSM methods in clinical samples” at CeRiN, University of Trento, Rovereto, TN, Italy.
- 22nd-23rd Jun 2018. Invited lecturer on “Neuroplasticity and non-invasive brain stimulation techniques” for the doctoral program of the University of the Balears, Palma de Mallorca, Spain.

## ABSTRACT – POSTERS AND ORAL PRESENTATIONS

More than 50 poster and oral presentations and invitations at national and international conferences.

## GRANTS

PRIN 2022 “A multidisciplinary approach for the definition of the stimulation dose for transcranial electrical stimulation tuned by individual brain variability” - 240.381€. Role: Principal Investigator

PNRR M6/C2 2023 “Innovative neuromodulation treatments for chronic pain: assessing and predicting the effects of personalized High-Definition protocols for transcranial Direct Current Stimulation (HD-tDCS)” – 1.000.000€. Role: Principal Collaborator

## AWARDS

- 2010 – AIP Sper annual meeting award for best poster presentation. Poster: Pisoni A, Casarotti A, Gallucci M, Castellano A, Bello L, Papagno C, “Fascicolo arcuato e recupero dei deficit di linguaggio in pazienti post-awake surgery”. AIP Experimental annual meeting, Bologna 2-3/09/2010.
- 2016 – University of Milano – Bicocca. Selected young researcher for the ERC starting grant writing program.
- 2016 – Italian society for neuropsychology, Travel grant for the Academy of Aphasia 54th Annual Meeting, October 16-18, 2016 Llandudno, North Wales, UK
- 2018 – University of Milano – Bicocca. Young Talents Award for the scientific area “Philosophical, historical and psychological sciences”

Reviewer for the following international journals: BMC Neuroscience, Cerebral Cortex, Brain Stimulation, NeuroImage, PLOS one, Brain and language, Neuropsychologia, Frontiers, Journal of Neuroscience, Language Cognition and Neuroscience, Cortex, Human Brain Mapping, Scientific Reports