

## **Candidatura di Leonor J Romero Lauro al Consiglio Direttivo della SIPF per il biennio 2023-2025**

All'attenzione dei membri della Società Italiana di Psicofisiologia e Neuroscienze Cognitive  
Ho presentato la mia candidatura per il Consiglio Direttivo della SIPF con l'idea di poter arrecare un mio contributo alle attività della Società.

Sono Professore Associato di Psicobiologia e Psicologia Fisiologica presso il Dipartimento di Psicologia dell'Università di Milano-Bicocca. Ho inoltre un campo parallelo di studio e attività come Psicoterapeuta Cognitivo-Comportamentale. I miei interessi di ricerca vertono per lo più sull'indagare i meccanismi di funzionamento e l'applicazione in ambito clinico delle tecniche di stimolazione cerebrale non invasiva (TMS, tDCS), con un particolare interesse per l'emergente tecnica integrata TMS-EEG. Ritengo che la mia formazione parallela in Neuroscienze Cognitive Psicoterapia/Neuropsicologia possa permettermi di apportare un punto di vista particolare, rappresentando un crescente ambito di ricerca volto all'applicazione clinica delle NIBS.

Promettendovi se eletta di dedicarmi al ruolo con impegno e dedizione, vi porgo un caro saluto

Leonor

Milano, 14/09/2023

Leonor J Romero Lauro  
MPsych, PhD Cognitive Neuroscience  
Associate Professor  
Department of Psychology  
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20126, Milano, Italy

## CURRICULUM VITAE ET STUDIORUM

### PERSONAL INFORMATION

Name and Surname: Leonor J. Romero Lauro  
Place and date of birth: La Paz (Bolivia), 18/03/1978.  
Nationality: Italian  
Address: Piazza dell'Ateneo Nuovo, 1, 20126, Milano  
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E-mail: [leonor.romero1@unimib.it](mailto:leonor.romero1@unimib.it)  
Lab Site: [www.neurostimulab.it](http://www.neurostimulab.it)

### ACTUAL POSITION

2021- present Associate Professor at the Department of Psychology, University of Milano-Bicocca  
2022-present Responsible of Lab TMS1 and TMS2, Department of Psychology, University of Milano-Bicocca  
2016-present Member of the Teaching board for the PhD program in Neuroscience, School of Medicine and Surgery, University of Milano-Bicocca.  
2009-present Cognitive-Behavioral Psychotherapist.

### PREVIOUS POSITION

2011-2021 Assistant Professor, Department of Psychology, University of  
(maternal breaks: jul-dec2018; Milano-Bicocca.  
Feb-jul2020)

### EDUCATION

Nov 2009-Sept 2011 Post-Doc at the Department of Psychology, University of Milano-Bicocca.

*Supervisor:* prof. Costanza Papagno, MD, PhD.

Dec 2008 - Oct 2009

Post-Doc at the Department of Clinical Science "L. Sacco", University of Milano.

*Supervisor:* Marcello Massimini, MD, PhD.

Nov 2004-Nov 2008

PhD student in Experimental Psychology, Linguistics and Cognitive Neuroscience at the University of Milano-Bicocca.

*Supervisor:* Costanza Papagno, MD, PhD.

*Thesis:* "The neural correlates of verbal short-term memory and its role on sentence comprehension. Studies with TMS".

Nov 2005-Nov 2009

Cognitive-Behavioural Psychotherapy MSc at Studi Cognitivi, Milano.

March 2003:

MS in Psychology, University of Palermo. 110/110 cum laude

*Thesis:* "Neural correlates of Idiom Comprehension".

*Supervisor:* Massimiliano Oliveri, MD, PhD.

## RESEARCH EXPERIENCES ABROAD

May 2007- Feb 2008:

Pre-doctoral visiting fellow at the Human Cortical Physiology Section, National Institute of Neurological Disorders and Stroke, National Institute of Health, Bethesda, Maryland, USA.

*Supervisor:* Leonardo G. Cohen, MD, PhD.

Feb-Sept 2004:

Visiting fellow at the Institute of Cognitive Neuroscience – University College of London, Londra, UK.

*Supervisor:* Vincent Walsh, MD, PhD.

## GRANTS and FELLOWSHIPS

- 2019 NARSAD YOUNG INVESTIGATOR Grant (as Supervisor), Brain & Behavior Research Foundation Foundation, NY, US (70,000\$).
- 2016 Young Researcher Grant (PI) "Ricerca Finalizzata", Ministero della Salute, Italy (449,460€).
- Intramural pre-doctoral fellow Grant – National Institute of Health, Bethesda, US: (6000€)..
- Grant for abroad training – SINTESI (3000€).
- Borsa di Perfezionamento all'estero –University of Palermo (3000€).

## TEACHING ACTIVITY

- Lecturer of "Psychobiology of Behavioural Disorders", Bachelor Degree "Scienze e Tecniche Psicologiche", University of Milano-Bicocca, academic year: 2021/22 (56 hours per academic year).
- Lecturer of "Conoscere il cervello", Extracurricular Neuroscience Course, Bocconi University, academic year: 2021-2022 (6 hours)
- Lecturer of "Theories and Techniques of Neuropsychological Evaluation", Bachelor Degree "Scienze e Tecniche Psicologiche", University of Milano-Bicocca, academic years: from 2011/2012, to 2021/22 (48 hours per academic year).
- Lecturer of "Non-Invasive Brain Stimulation Techniques" course within the PhD program in Neuroscience, Department of Medicine and Surgery, University of Milano-Bicocca, academic years: from 2017/2018 to 2021/2022 (16 hours per academic year).
- Lecturer of "The application of neurostimulation techniques for the treatment of pain and behavioural disorders", for the advanced specialization school in Neuropsychology, University of Milano-Bicocca, academic years: from 2015/2016 to 2021/2022 (4 hours per academic year)
- Lecturer of "Non-invasive brain Stimulation Techniques: basic course", for the Private Foundation ERIS, Milano (2021, 21 hours)
- Lecturer of "Non-invasive brain stimulation technique, from basics to clinical application", Universitat del les Illes Balearis, Palma de Maiorca, academic year 2016/2017, 2017/2018 (8 hours per academic year).
- Lecturer of "Methods for morphological and functional data collection and analysis in cognitive neuroscience", MS "Psicologia Clinica, Dello Sviluppo e Neuropsicologia", University of Milano-Bicocca, academic year: 2011/2012 (15 hours per academic year).
- Lecturer of "TMS e TMS-EEG course" within the PhD program in Experimental Psychology, Linguistics and Neuroscience, Department of Psychology, University of Milano-Bicocca, academic years: from 2010/2011 to 2016/2017 (8 hours per academic year).
- Lecturer of "Principles and techniques of Behavioural-Cognitive Psychotherapy", for the for the private school of Cognitive-Behavioural Psychotherapy "Studi Cognitivi", Milano, academic years: 2017/2018, 2018/2019, 2019/2020, 2020/2021 (48 hours per academic year).
- Lecturer of "Research methodology and data analysis" for the private school of Cognitive-Behavioural Psychotherapy "Studi Cognitivi", Milano, academic years: from 2010/11 to 2017/2018 (16 hours per academic year).
- Lecturer of "Cognitive Neuroscience" for the private school of Cognitive-Behavioural Psychotherapy "Studi Cognitivi", Modena, academic years 2009/2010, 2011/2012, 2012/2013, 2013/2014 (8 hours per academic year).
- Lecturer of "How to manage anxiety and stress", Bocconi University, academic years: 2010/2011, 2011/2012, 2012/2013 (15 hours per academic year).

## STUDENTS SUPERVISION

Supervisor of three post-doc fellows and five PhD students;  
Reviewer of national and international PhD dissertations;  
Over 100 students' dissertations of MS and bachelor's degree supervised. Over 70 students training in experimental research tutored.

## PUBLICATIONS

1. Vergallito, A., Varoli, E., Pisoni, A., Mattavelli, G., Del Mauro, L., Feroldi, S., ... & **Romero Lauro, L. J.** (2023). State-dependent effectiveness of cathodal transcranial direct current stimulation on cortical excitability. *NeuroImage*, 120242.
2. Bianco, V., Arrigoni, E., Di Russo, F., **Romero Lauro, L. J.**, & Pisoni, A. (2023). Top-down reconfiguration of SMA cortical connectivity during action preparation. *Isience*, 26(8).
3. Del Mauro, L., Vergallito, A., Gattavara, G., Juris, L., Gallucci, A., Vedani, A., ... & **Romero Lauro, L. J.** (2023). Betting on Non-Invasive Brain Stimulation to Treat Gambling Disorder: A Systematic Review and Meta-Analysis. *Brain Sciences*, 13(4), 698.
4. Sala, M., Bettelli, G., Giustolisi, B., Vergallito, A., **Romero Lauro, L. J.**, & Cecchetto, C. (2023). Comprehension of double-center embedded relatives in Italian: a case for hierarchical intervention. Isogloss. *Open Journal of Romance Linguistics*, 9(1), 1-29.
5. Vergallito, A., Feroldi, S., Pisoni, A., & **Romero Lauro, L. J.** (2022). Inter-Individual Variability in tDCS Effects: A Narrative Review on the Contribution of Stable, Variable, and Contextual Factors. *Brain Sciences*, 12(5), 522.
6. Vergallito, A., Gallucci, A., Pisoni, A., Caselli, G., Ruggiero, G.M., Sassaroli, S. & **Romero Lauro, L. J.** (2021). Non-invasive brain stimulation effectiveness in anxiety disorder treatment: a meta-analysis on sham/behavior-controlled studies. *Journal of Psychiatry and Neuroscience*, 46 (6), E592-E614.
7. 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*, *in press*
8. 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*, 150, in press.

9. Falk, S., Fasolo, M., Genovese, G., **Romero Lauro, L.J.**, & Franco, F., (2021). Sing for me, mama! Infants' discrimination of novel vowels in song. *Infancy*, in press.
10. Gallucci, A., Del Mauro, L., Pisoni, A., **Romero Lauro, L. J.**, & Mattavelli, G. (2020). A Systematic Review Of Implicit Attitudes And Their Neural Correlates In Eating Behaviour. *Social Cognitive and Affective Neuroscience*, in press.
11. 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*, in press.
12. Vergallito, A., Mattavelli, G., Gerfo, E. L., Anzani, S., Rovagnati, V., Speciale, M., ... & **Romero Lauro, L. J.** (2020). Explicit and Implicit Responses of Seeing Own vs. Others' Emotions: An Electromyographic Study on the Neurophysiological and Cognitive Basis of the Self-Mirroring Technique. *Frontiers in Psychology*, 11, 433.
13. **Romero Lauro, L. J.**, Vergallito, A., Anzani, S., & Vallar, G. (2020). Primary motor cortex and phonological recoding: A TMS-EMG study. *Neuropsychologia*, 139, 107368.
14. Vergallito, A., Varoli, E., Giustolisi, B., Cecchetto, C., Del Mauro, L., & **Romero Lauro, L. J.** (2020). Mind the stimulation site: enhancing and diminishing sentence comprehension with anodal tDCS. *Brain and Language*, 104, 104757.
15. Gallucci, A., Riva, P., **Romero Lauro, L. J.**, & Bushman, B. J. (2019). Stimulating the ventrolateral prefrontal cortex (VLPFC) modulates frustration-induced aggression: A tDCS experiment. *Brain Stimulation*, 13(2),302–309.
16. Vergallito, A., Lo Gerfo, E., Varoli, E., Brambilla, M., Sacchi, S., Anzani, S., & **Romero Lauro, L. J.** (2019). Positive self-perception and corticospinal excitability: Recalling positive behavior expands peripersonal space boundaries. *Neuropsychologia*, 135, 107-224.
17. Gerfo, E. L., Gallucci, A., Morese, R., Vergallito, A., Ottone, S., Ponzano, F., ... & **Romero Lauro, L. J.** (2019). The role of ventromedial prefrontal cortex and temporo-parietal junction in third-party punishment behavior. *NeuroImage*, 200, 501-510.
18. Genovese, G., Spinelli, M., **Romero Lauro, L. J.**, Aureli, T., Castelletto, G., & Fasolo, M. (2019). Infant-directed speech as a simplified but not simple register: a longitudinal study of lexical and syntactic features. *Journal of child language*, 47(1), 22-44.
19. 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, & Behavioral Neuroscience*, 19(4), 797-810.

20. 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*, 12(4), 1010-1019.
21. Mattavelli, G., Gallucci, A., Schiena, G., D'Agostino A., Sassetti, T., Bonora, S., Bertelli, S., Benetti, A., Tugnoli, E., Ruggiero, G. M., Sassaroli, S., **Romero Lauro, L.J.**, Gambini, O., & Papagno, C., (2019) Transcranial Direct Current Stimulation (tDCS) modulates implicit attitudes towards food in Eating Disorders. *International Journal of Eating Disorders*, 89, 70-76.
22. Kelley, N., Gallucci, A., Riva, P., **Romero Lauro, L.**, & Schmeichel, B. (2019). Stimulating Self-Regulation: A Review of Non-invasive Brain Stimulation Studies of Goal-Directed Behavior. *Frontiers in Behavioral Neuroscience*, 12, 337.
23. Torriero, S., Mattavelli, G., Lo Gerfo, E., **Romero Lauro, L. J.**, Actis-Grosso, R., & Ricciardelli, P. (2019). FEF excitability in attentional bias: a TMS-EEG study. *Frontiers in behavioral neuroscience*, 12, 333.
24. 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*, 119, 128-135.
25. Pisoni, A., **Romero Lauro, L. J., (co-first author)** Vergallito, A., Maddaluno, O., & Bolognini, N. (2018). Cortical dynamics underpinning the self-other distinction of touch: A TMS-EEG study. *NeuroImage*, 178, 475-484.
26. Varoli, E., Pisoni, A., Mattavelli, G. C., Vergallito, A., Gallucci, A., Mauro, L. D., ... & **Romero Lauro, L. J.** (2018). Tracking the effect of cathodal transcranial direct current stimulation on cortical excitability and connectivity by means of TMS-EEG. *Frontiers in neuroscience*, 12, 319.
27. Lo Gerfo, E., De Angelis, J., Vergallito, A., Bossi, F., **Romero Lauro, L. J.**, & Ricciardelli, P. (2018). Can monetary reward modulate social attention?. *Frontiers in Psychology*, 9, 2213.
28. Gerfo, E. L., Pisoni, A., Ottone, S., Ponzano, F., Zarri, L., Vergallito, A., ... & **Romero Lauro, L. J.** (2018). Goal achievement failure drives corticospinal modulation in promotion and prevention contexts. *Frontiers in behavioral neuroscience*, 12, 71.
29. Giustolisi, B., Vergallito, A., Cecchetto, C., & **Romero Lauro, L. J.** (2018) Anodal transcranial direct current stimulation over left inferior frontal gyrus enhances sentence comprehension. *Brain and Language*, 176, 36-41.
30. Vergallito, A., **Romero Lauro, L. J.**, Bonandrini, R., Zapparoli, L., Danelli, L., & Berlinger, M. (2018) What is difficult for you can be easy for me Effects of increasing individual task demand on prefrontal lateralization: a tDCS study. *Neuropsychologia*, 109, 283-294.

31. Pisoni, A., Mattavelli, G., Papagno, C., Rosanova, M., Casali, A.G. & **Romero Lauro, L.J.** (2017). Cognitive Enhancement Induced by Anodal tDCS Drives Circuit-Specific Cortical Plasticity. *Cerebral Cortex*, 1-9
32. Riva, P., Gabbiadini, A., **Romero Lauro, L. J.**, Andrichetto, L., Volpato, C. & Bushman, B. J. (2017). Neuromodulation Can Reduce Aggressive Behavior Elicited by Violent Video Games. *Cognitive, Affective, and Behavioral Neuroscience*, 17(2), 452-459.
33. Mattavelli, G., Rosanova, A., Casali, A., G, Papagno, C., & **Romero Lauro, L., J.** (2016). Timing of emotion representation in right and left occipital region: Evidence from combined TMS-EEG. *Brain & Cognition*, 106, 13-22.
34. **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. *Cortex*, 74, 323-328.
35. Venturini, E., Riva, P., Serpetti, F., **Romero, Lauro L. J.**, McMahan, F., Stonecipher, K., & Parsons, T. D. (2016). A 3D virtual environment for empirical research on social pain: Enhancing fidelity and anthropomorphism in the study of feelings of ostracism inclusion and over-inclusion. *Annual Review of Cybertherapy and Telemedicine*, 14, 89-94.
36. Riva, P., **Romero Lauro, L., J.**, Vergallito, A., DeWall, C. N., & Bushman, B. J. (2015). Electrified emotions: modulatory effects of transcranial direct stimulation on negative emotional reactions to social exclusion. *Social Neuroscience*, 10(1), 46-54.
37. Pisoni, A., Lo Gerfo, E., Ottone, S., Ponzano, F., Zarri, L. & **Romero Lauro, L. J.** (2014). Fair play doesn't matter: MEP modulation by active status quo overcome in economic Interactions. *NeuroImage*, 101, 150-158.
38. **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*, 58, 99-111.
39. Riva, P., **Romero Lauro, L. J. R.**, DeWall, C. N., Chester, D. S., & Bushman, B. J. (2013). Reducing Aggressive Responses to Social Exclusion Using Transcranial Direct Current Stimulation (tDCS). *Social cognitive and affective neuroscience*, 10(3), 352-356.
40. **Romero Lauro, L. J.**, Crespi, M., Papagno, C., & Cecchetto, C. (2014). Making sense of an unexpected detrimental effect of sign language use in a visual task. *Journal of Deaf Studies and Deaf Education*, 19(3), 358-365.
41. **Romero Lauro, L. J.**, Mattavelli, G., Papagno, C., & Tettamanti, M. (2013). She runs, the road runs, my mind runs, bad blood runs between us: literal and figurative motion verbs. An



fMRI study. *NeuroImage*, 83, 361-371.

42. Mattavelli, G., Rosanova, M., Casali, A., Papagno, C., & **Romero Lauro, L. J.** (2013). Topdown interference and cortical responsiveness in face processing: a TMS-EEG study. *NeuroImage*, 76, 24-32.
43. Riva, P., **Romero Lauro, L. J.**, De Wall, C. N., & Bushman, B. (2012). Buffer the Pain away: Stimulating the rVLPFC Reduces Pain Following Social Exclusion". *Psychological Science*, 23, 1473-1475.
44. **Romero Lauro, L. J.**, Reis, J., Cohen, L. G., Cecchetto, C., & Papagno, C. (2011). A case for the involvement of phonological loop in sentence comprehension. *Neuropsychologia*, 48, 4003-4011.
45. Papagno, C., Miracapillo, C., Casarotti, A., **Romero Lauro, L.**, Castellano, A., Casaceli, C. & Bello, L. (2011). What is the role of the uncinate fasciculus? Surgical removal and proper name retrieval. *Brain*, 134, 405-414.
46. Casarotto, S., **Romero Lauro, L. J.**, Bellina, V., Casali, A. G., Rosanova, M., Pigorini, A., Defendi, S., Mariotti, M., & Massimini, M. (2010). EEG Responses to TMS Are Sensitive to Changes in the Perturbation Parameters and Repeatable over Time. *PLoS ONE*, 5(4): e10281.
47. Papagno, C. & **Romero Lauro, L.** (2010). The neural basis of idiom processing: neuropsychological and neurophysiological evidence. *Italian Journal of Linguistics*, 22(1), 21-40.
48. **Romero Lauro, L. J.**, Miracapillo, C., Casarotti, A., Bello, L., & Papagno, C. (2010). What is the role of the uncinate fasciculus? *Social and Behavioural Science*, 6, 84-85.
49. Schettino, A., **Romero Lauro, L.**, Crippa, F., Anselmetti, S., Cavallaro, R., & Papagno, C. (2009). The comprehension of idiomatic expressions in schizophrenic patients. *Neuropsychologia*, 48, 1032-1040.
50. **Romero Lauro, L.**, Tettamanti, M., Cappa, S., & Papagno, C. (2008). Idiom comprehension: a prefrontal task? *Cerebral Cortex*, 18(1), 162-170.
51. Sassaroli, S., **Romero Lauro, L. J.**, Ruggiero, G. M., Mauri, M. C., Vinai, P., & Frost, R. (2008) Perfectionism in depression, obsessive compulsive disorder and eating disorders. *Behaviour Research and Therapy* 46(6), 757-765.
52. **Romero Lauro, L. J.**, Pisoni, A., Zerboni, H., & Papagno, C. (2007). The neural correlates of abstract versus concrete words: Evidence from an rTMS study. *Brain and Language*, 103(1-2), 146-147.
53. **Romero, L.**, Walsh, V., & Papagno, C. (2006). The neural correlates of verbal short-term memory: an rTMS study. *Journal of Cognitive Neuroscience*, 18(7), 1147-1155.

54. Oliveri, M., **Romero, L.**, & Papagno, C. (2004). Left But Not Right Temporal Involvement in Opaque Idiom Comprehension: A Repetitive Transcranial Magnetic Stimulation Study. *Journal of Cognitive Neuroscience*, 16(5), 848-855.

**Scopus:** H Index: 21; Total citations 1833;

**Google Scholar:** H index: 27; total citation: 2906; i10-index: 40;

### SELECTED CONFERENCES PARTICIPATION

- Vergallito, A., Veroli, E., Feroldi, S., Pisoni, A., Mattavelli, G., Del Mauro, L., Vallar, G., & **Romero Lauro, L.J.** (February 2023). Poster: "State dependent effectiveness of cathodal transcranial direct current stimulation (tDCS)".  
*V International Brain Stimulation Conference-Elsevier, Lisbon, Portugal.*
- **Romero Lauro, L. J.** (September 2019). Oral presentation: "Gli effetti della Stimolazione Transcranica a corrente Diretta (tDCS) sull'eccitabilità e connettività corticale: uno studio con TMS-EEG".  
*XXV Congresso AIP, Sezione Sperimentale, Milano, Italy.*
- **Romero Lauro, L. J.**, (November 2018). Oral Presentation (General Discussion): "Brain Stimulation and Brain Plasticity: from Research to clinical outcome".  
*Fourth NeuroMi International Meeting, Milano, Italy.*
- **Romero Lauro, L. J.**, Pisoni, A., Vergallito, A., Maddaluno, O., & Bolognini, N. (November 2017). Poster: "Self-other distinction of tactile states relies on s1 effective connectivity".  
*XXV National Congress of the Italian Society of Psychophysiology (SIPF), Roma, Italy.*
- **Romero Lauro, L. J.**, Vergallito, A., & Vallar, G. (November 2017). Oral presentation: "Il ruolo della corteccia motoria primaria nel recoding fonologico: uno studio TMS-EMG".  
*VI Annual Congress of the Italian Society of Neuropsychology (SINP), Palermo, Italy.*
- **Romero Lauro, L. J.**, Pisoni, A., Rosanova, M., Mattavelli, G., Bolognini, N. & Vallar, G. (March 2017). Oral presentation: "Tracking the effects of tDCS on cortical plasticity by means of TMS-EEG".  
*2<sup>nd</sup> International Brain Stimulation Conference, Barcelona, Spain*
- **Romero Lauro, L. J.**, Riva, P., Peroni, F., Facchin, A., Beschin, N., & Vallar, G. (December 2016). Oral presentation: "Social pain and brain right damage in stroke patients".  
*V Annual Congress of the Italian Society of Neuropsychology (SINP), Milano, Italy*

- **Romero Lauro, L. J.**, Riva, P., Vergallito, A. (October 2016). Oral Presentation: "Negative emotions modulation by means of anodal transcranial Direct Current Stimulation over right Ventrolateral Prefrontal Cortex".  
*XXIV National Congress of the Italian Society of Psychophysiology (SIPF), Milano, Italy*
- **Romero Lauro, L. J.** Pisoni, A., Mattavelli, G., Vergallito, A., Fecchio, M., Rosanova, M. (September 2016). Poster: "Coil waveform and orientation impact on TMS evoked potentials. A TMS-EEG study".  
*The Fresco Conference 4th International Workshop on Synaptic Plasticity: "from bench to bedside", Lucca, Italy.*
- **Romero Lauro, L. J.**, Pisoni, A., Vergallito, A. & Bolognini, N. (September 2016). Poster: The neurophysiological underpinnings of mirror-touch synaesthesia: a TMS-EEG study.  
*6th International Conference on Transcranial Brain Stimulation, Gottingen, Germany.*
- **Romero Lauro, L. J.** (July 2016). Invited Lecture: "Tracking the effect of tDCS on cortical plasticity by means of TMS-EEG".  
*Workshop on "Brain cortex stimulation and control of neural plasticity, Albacete, Spain.*
- **Romero Lauro, L. J.**, Pisoni, A., Rosanova, M., Mattavelli, G., Bolognini, N., & Vallar, G. (September 2015). Poster: "Localizing the effect of anodal tDCS: evidence from TMS-EEG integrated system".  
*ESCOP, Paphos, Cyprus.*
- Mattavelli, G., Rosanova, M., Papagno, C., & **Romero Lauro, L. J.** (June 2014). Oral presentation: "Top-down interference and cortical responsiveness in face processing: A TMS-EEG study".  
*Summer school, University of Milano-Bicocca "What faces can reveal about social and cognitive processes, Milano, Italy.*
- **Romero Lauro, L.J.**, Rosanova, M., Mattavelli, G., Convento, S., Pisoni, A., Bolognini, N., & Vallar, G. (September 2013). Poster: "Anodal transcranial direct current stimulation (tDCS) globally increases cortical excitability: direct evidence from TMS-EEG".  
*Workshop on "Non-invasive Electrical Brain Stimulation (tDCS, tACS, tRNS): Basic and Applied Research", Brescia, Italy.*
- **Romero Lauro L. J.**, Mattavelli G., Papagno C., & Tettamanti, M. (October 2012). Invited Lectur: "Sensorymotor representation of motion verbs in literal vs figurative context: a fMRI study".  
*Annual Meeting of the Academy of Aphasia, San Francisco, US.*
- **Romero Lauro, L.** (October 2012). Invited lecture: "The role of vSTM in sentence comprehension: a study with rTMS".  
*Workshop on TMS and Language, Freiburg, Germany.*
- **Romero Lauro L. J.**, Pisoni, A., Ottone, S., Ponzano, F & Zarri, L. (September 2011). Poster: "MEP modulation by the meaning of an action: a TMS study".

*Federation of European Societies of Neuropsychology (ESN), Basel, Switzerland.*

- **Romero Lauro L. J.,** Mattavelli, G., Papagno, C., & Tettamanti, M. (May 2011). Oral presentation: “La ragazza corre. La mente corre. La strada corre. Rappresentazioni sensorimotorie per verbi motori in senso letterale e figurato: uno studio con risonanza magnetica funzionale”.  
*Società Italiana di Neuropsicologia, Bologna, Italy.*
- **Romero Lauro L. J.,** Miracapillo, C., Casarotti, A., Bello, L., & Papagno, C. (October 2010). Poster: “What is the role of the Uncinate Fasciculus?”  
*Academy of Aphasia, Athens, Greece.*
- **Romero Lauro, L.** Cecchetto, C., & Papagno, C. (June 2010). Oral presentation: “The dog that the boy is watching is chasing the cat. Do we need the phonological loop to understand it?”  
*Psycholinguistics across the borders, Rovereto, Italy.*
- **Romero, L.,** Reis, J., Cecchetto, C., Cohen, L. G., Papagno, C. (October 2008). Poster: “The role of verbal short-term memory (STM) in sentence comprehension: an rTMS study”.  
*Academy of Aphasia, Turku, Finland.*
- **Romero, L.,** Pisoni, A., Zerboni, H., & Papagno, C. (October, 2007). Poster: “The neural correlates of abstract versus concrete words: evidence from a rTMS study”.  
*Academy of Aphasia, Baltimore, Maryland.*
- **Romero, L.,** Tettamanti, M., Papagno, C., & Cappa, S. (June 2006). Poster: “The neural correlates of idiom comprehension: an fMRI study”.  
*Human Brain Mapping, Firenze, Italy.*
- **Romero, L.,** Walsh, V., & Papagno, C. (August, 2005). Poster: “The neural correlates of the phonological loop: a study with repetitive Transcranial Magnetic Stimulation (rTMS)”.  
*ESCOP, Leiden, (NL).*
- **Romero, L.,** Papagno, C., & Oliveri, M. (April 2004). Poster: “Left but not right temporal involvement in opaque idiom comprehension: a repetitive Transcranial Magnetic Stimulation study”.  
*EURESCO Conferences, “Mind, Language and Metaphor”, Granada, Spain.*

## SIMPOSIA ORGANIZATION

- ❖ **Romero Lauro Leonor J.** “The effect of non-invasive brain stimulation on cortical plasticity”.  
*II International Brain Stimulation Conference, Barcelona, Spain, March 2017*
- ❖ **Romero Lauro Leonor J & Pisoni Alberto.** “TMS-EEG integrated approach: new perspectives in healthy and pathological brain research”.

*XXVI National Congress of the Italian Society of Psychophysiology (SIPF), Turin, Italy, November 2018*

- ❖ **Romero Lauro Leonor J** & Silvia Casarotto. "Recent advances from multimodal approaches in the understanding and the diagnosis of consciousness disorders".

*XXVIII National Congress of the Italian Society of Psychophysiology (SIPF), Online, November 2020*

#### PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

2013-present	Member of the Italian Psychology Association, Experimental Psychology section (AIP)
2014-present	Member of the Italian society for neuropsychology (SINP)
2014-present	Member of the NeuroMi -Milan Center for Neuroscience (NeuroMi)
2017-present	Member of the Italian society for psychophysiology and cognitive neuroscience (SIPF)

#### NON-ACADEMIC SCIENTIFIC ACTIVITIES

2020-present	Scientific Director for the private TMS Italian Clinical Psychotherapy center (CIP TMS), Milano, Italy.
2019- present	Scientific consultant for Fondazione Eris on the use of non-invasive brain stimulation technique for the treatment of Substance Addiction Disorders, Milano, Italy.
2016-2017	Scientific consultant in Neuromarketing for INEMA marketing society.

#### EDITORIAL ACTIVITY FOR SCIENTIFIC INTERNATIONAL JOURNALS

Invited reviewer:	<i>Social Cognitive Affective Neuroscience</i> (Feb 2016-present) <i>Brain Stimulation</i> (Sep 2017-present) <i>Plos one</i> (October 2013-present) <i>Cortex</i> (May 2013-present) <i>Neuropsychologia</i> (May 2013-present) <i>Cerebral Cortex</i> (April 2012-present) <i>NeuroImage</i> (November 2011-present) <i>Brain and Language</i> (April 2010-present) <i>Cerebral Cortex</i> (April 2011-present) <i>Journal of Neuropsychology</i> (May2011-present)
Guest Editor	<i>Brain Sciences</i> , special issue "The Modulatory Role of Non-invasive Brain Stimulation Techniques on Cognitive Functions: Hints from Significant and Null Results" (2020/2021)"

*"Le dichiarazioni rese nel presente curriculum sono da ritenersi rilasciate ai sensi degli artt. 46 e 47 del D.P.R. 445/2000"*

Milano, 06/09/2023

Leonor J. Romero Lauro

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