

CURRICULUM VITAE

PERSONAL INFORMATION



Name	GIORGIO ARCARA
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Nationality	Italian
Date of Birth	14/07/1982
Gender	Male
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WORK EXPERIENCE

Date (from – to)	1/08/2018 – Ongoing
Employer	IRCCS Ospedale San Camillo. Venice, Italy
Occupation or position held	Senior Reserarcher and Head of Neurophysiology Lab Coordinator
Date (from – to)	1/08/2016 – 31/07/2018
Employer	Fondazione Ospedale San Camillo. Lido di Venezia, Italy
Occupation or position held	Senior Researcher at Magnetoencephalography Lab
Date (from – to)	01/04/2017 – 1/09/2019
Employer	University of Trieste . Department of Life Science
Occupation or position held	Adjunct Professor on Psychology of Language
Date (from – to)	01/06/2014 – 31/07/2016
Employer	Department of Neurosciences, Università degli studi di Padova, Italy.
Occupation or position held	Research fellow for the project “Neurat”. Supervisor: Prof. Carlo Semenza.
Date (from – to)	01/06/2012 – 31/05/2014
Employer	Fondazione Ospedale San Camillo. Lido di Venezia, Italy.
Occupation or position held	Research fellow for the project “Rehabilitation of Acalculia”. Supervisor: Prof. Carlo Semenza.

Date (from – to)	01/05/2011-29/04/2012
Employer	Department Of Information Engineering. Università degli studi di Padova, Italy.
Occupation or position held	Post-doc fellow. FSE grant with title: "Analysis of intra-individual variability of Electroencephalogram for early identification of cognitive deficits" Supervisor: Prof. G. Sparacino.
Date (from – to)	01/03/2011 – 30/06/2012
Employer	Laboratory of Linguistics. Scuola Normale Superiore, Pisa, Italy.
Occupation or position held	support activity for the development of a tool for evaluating acquired communicative disorders (collaborator). Project leader: Dr. Valentina Bambini.
Date (from – to)	01/04/2010– 31/03/2011
Employer	Department of General Psychology. Università degli studi di Padova, Italy.
Occupation or position held	Post-doc fellow. FSE grant with title: "Methodologies for the quantification of electrophysiological signals in subclinical cognitive disorders". Supervisor: prof. P. Bisiacchi.
Date (from – to)	01/04/2011 – 31/07/2011
Employer	Laboratory of Linguistics. Scuola Normale Superiore, Pisa, Italy.
Occupation or position held	support activity for the development of a tool for evaluating acquired communicative disorders. (collaborator) Project leader: Dr. Valentina Bambini.

Institutional Roles

Date (from – to)	1/12/2019 – Ongoing
Employer	IRCCS Ospedale San Camillo. Venice, Italy
Occupation or position held	Coordinator for Research Line in Neuropsychology and (at interim) in Neuropsychology.

Teaching Experience

Date (from – to)	04/2020
	University Undergraduate Course of "Human Electrophysiology" (English) (14 hours).
Date (from – to)	10/2019
	Teaching support (Didattica integrativa) for Course on Statistical Methods for Clinical Experiments - Prof. Giovanna Capizzi (15 hours AA 2019/2020).
Date (from – to)	AA 2016/2017, AA 2017/2018, AA 2018/2019

	University undergraduate course on “Psychology of Language” (18 hours AA 2016/2017, 16 Hours, AA 2017/2018, 16 Hours AA 2018/2019)
Date (from – to)	. 2/10/2016-10/10/2018 – 05/2019 - EEG analysis and source reconstruction with Brainstorm. Advanced Course for Research, held at Department of General Psychology. Università degli studi di Padova, Italy
Date (from – to)	. 28/11/2017-31/11/2017 I Course: Introduction to EEG analysis. Advanced Course for PhD candidates held at SISSA, International School for Advanced Studies
Date (from – to)	. 3/11/2014 – 7/11/2014 ; 8/06/2016 – 12/06/2015; 4/04/2016 – 7/04/2016, 09/2017 Course: Statistical analyses of ERPs with R. Advanced Course for Research, held at Department of General Psychology. Università degli studi di Padova, Italy.
Date (from – to)	18/12/2012 – 19/12/2012 Course: “Introduction to Statistical Analysis” at NeTS (IUSS Center for Neurolinguistics and Theoretical Syntax), Pavia, Italy.
Date (from – to)	10/2012 – 11/2012 Workshop “EEGLAB and EEG analysis” .MSc course on Cognitive Neuroscience, Faculty of Psychology, Università degli studi di Padova, Italy.
Date (from – to)	10/2011 Lesson: “Cerebral damage and deficits in morphological complex words processing”. Fondazione Don Gnocchi. Marina di Massa.
Date (from – to)	3/2009 Basic R course for PhD students
Date (from – to)	1/2008-ongoing Thesis supervision for more than twenty MS and BA students in Psychology and Linguistics

EDUCATION AND TRAINING

Date (from – to)	01/2007 – 12/2009
Name and type of organisation providing education and training	Faculty of Psychology, Università degli studi di Padova, Italy
Principal subjects/occupational skills covered	PhD Program in Psychobiology. Supervisor: prof. S. Mondini. PhD thesis title: “Neural correlates

Level in national or international classification	of morphological processing: the case of Italian Noun-Noun compounds".
Date (from – to)	PhD (29/03/2010)
Name and type of organisation providing education and training	01/09/2008 – 23/12/2008
Principal subjects/occupational skills covered	Department of Linguistics. University of Alberta, Alberta, Canada.
Date (from – to)	Visiting PhD student. Supervisor: prof. Gary Libben
Name and type of organisation providing education and training	01/01/2007 – 31/12/2009
Principal subjects/occupational skills covered	Faculty of Psychology, Università degli studi di Padova, Italy.
Date (from – to)	Master degree in "Neuropsychology of acquired cognitive deficits". Thesis with title ""Tests in Clinical Neuropsychology: Theoretical Issues". Supervisor: Prof. Sara Mondini
Name and type of organisation providing education and training	10/2000 – 6/2005
Principal subjects/occupational skills covered	Faculty of Psychology, Università degli studi di Padova, Italy.
Level in national or international classification	Master Degree in Psychology (curriculum Experimental Psychology: Neuropsychology). Thesis with title "Cardiovascular reactivity in the familial hypertension" Supervisor prof. Luciano Stegagno.
	Master Degree in Psychology (110/110 cum laude)

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

English

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Excellent	Excellent	Excellent	Excellent	Excellent

Technical Skills

- **OS:** Windows, Linux (Ubuntu, Red Hat), MAC Os.

- **Programming Languages:** MATLAB (Excellent), R (Excellent), PYTHON (good), TCL (basic), CQP (basic), Java (basic), Julia (Basic), Bash (good).

- **Software for experiments:** E-PRIME (Excellent), DMDX (Excellent), PSYCHOPY (Excellent), CHECKVOCAL (Excellent), Presentation (basic), Psychtoolbox (basic).
- **Software for EEG recording,** pre-processing and analysis. EEG/ERP: NEUROSCAN (Good), Brainvision (Excellent), CTF-MEG (Excellent); Brainstorm (Excellent), EEGLAB (Excellent), Fiedltrip (good), SLORETA (Excellent)
- **Software for fMRI analysis:** FSL (basic), SPM (basic).
- **Software for eye movement recording:** ASL 501 tracker (good).
- **Software for statistical analysis:** R (Excellent), SPSS (Excellent) STATISTICA (Excellent).

Job Related Skills

Basic and advanced statistical analyses:

- Highly proficient in basic statistical analyses for language studies (Chi-squares, t-tests, ANOVA, Non parametric approaches, etc.).
- Highly proficient in several advanced statistical analyses for psycholinguistic studies (e.g., Linear Mixed effect models, Generalized Additive mixed effect models).
- Experience in corpus linguistic studies (e.g., Corpora Query, Latent Semantic Analysis, Clustering techniques).
- Experience in statistical techniques stimuli selection for language studies (Stimuli matching, corpus stimuli selection, etc.).
- Proficient in Machine Learning techniques (e.g., Random Forests, Support Vector Machines, Neural Networks).
- Highly proficient in exploratory data analysis and visualization (e.g., Plotly, ggplot systems).
- Highly proficient in EEG/MEG basic (e.g. ANOVA, t-tests) and advanced (e.g. Mass Univariate Statistics) statistical analyses.

Psychometrics: Proficient in Classical Test Theory test development and in Item Response Theory test development.

Organizational skills: Experience in lab coordination and in the supervision of a small team of researchers.

Communicative skills: Experience in teaching basic and advanced statistical analysis, EEG and MEG analysis to trainees and young researchers. Currently involved in informal teaching sessions on EEG analysis and statistical analysis for University of Padova, Campus Bio Medico (Roma), IUSS Pavia, San Camillo Hospital. Teaching sessions delivered to psychologists, linguists, speech therapists, and engineers. Writer for a blog on psychology and neuroscience.

Grant	2019 –GR-2018-12366092 “Assessment and treatment of communicative pragmatic abilities in neurological and psychiatric disorders: feasibility and clinical efficacy” (449.938 €) as Principal Investigator. Grant awarded from the Italian Ministry of Health
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Awards	<p>-2016 Best oral presentation at "San Camillo Science day", Ospedale San Camillo</p> <p>-2013 Best poster award, Associazione Mente e Cervello, poster "Valutazione delle abilità comunicative pragmatiche e funzionali: il test APACS e le scale COAST" (with V. Bambini).</p> <p>-2002-2005 Winner of regional grants for undergraduate students (borsa di studio regionale).</p>
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SCIENTIFIC PUBLICATIONS

H-index 15 (Scholar); 12 (Scopus). **Total Citations:** 619 (Scholar); 374 (Scopus)

Scientific Publications

1. Campanella, F., Arcara, G., Crescentini, C., Fabbro, F., & Skrap, M. (2021). Cognitive Reserve protects language functions in patients with Brain Tumours. *Neuropsychologia*, 107769.
2. Toffano, R., Burgio, F., Palmer, K., Benavides-Varela, S., Meneghello, F., Orrù, G., Arcara, G. ... & Semenza, C. (2021). Numerical Activities of Daily Living–Financial: a short version. *Neurological Sciences*, 1-9.
3. Salillas, E., Piccione, F., di Tomasso, S., Zago, S., Arcara, G. *, & Semenza, C*. (2021). Neurofunctional Components of Simple Calculation: A Magnetoencephalography Study. *Cerebral Cortex*. (* co-senior authorship).
4. Gastaldon, S., Arcara, G., Navarrete, E., & Peressotti, F. (2020). Commonalities in alpha and beta neural desynchronizations during prediction in language comprehension and production. *Cortex*, 133, 328-345.
5. Bambini, V., Bischetti, L., Bonomi, C. G., Arcara, G., Lecce, S., & Ceroni, M. (2020). Beyond the

motor account of amyotrophic lateral sclerosis: Verbal humour and its relationship with the cognitive and pragmatic profile. *International Journal of Language & Communication Disorders*, 55(5), 751-764.

6. Casetta, L., Rizzi, L., Passarelli, M., Arcara, G., & Perrella, R. (2020). Italian Validation of the Touch Avoidance Measure and the Touch Avoidance Questionnaire. *Frontiers in psychology*, 11, 1673. <https://doi.org/10.3389/fpsyg.2020.01673>
7. de Tommaso, M., Betti, ... Arcara G., ... & 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*.
8. Benavides-Varela, S., Burgio, F., Weis, L., Mitolo, M., Palmer, K., Toffano, R., Arcara, G., Vallesi, A., Mantini, D., Meneghelo F., & Semenza, C. (2020). The role of limbic structures in financial abilities of mild cognitive impairment patients. *NeuroImage: Clinical*, 26, 102222.
9. Bambini, V., **Arcara, G.**, Bosinelli, F., Buonocore, M., Bechi, M., Cavallaro, R., & Bosia, M. (2020). A leopard cannot change its spots: A novel pragmatic account of concretism in schizophrenia. *Neuropsychologia*, 107332.
10. Cona G., Chiossi F., Di Tommaso S., Pellegrino G., Piccione F., Bisiacchi P.S., **Arcara, G.**, (2020) Theta and alpha oscillations as signatures of internal and external attention to delayed intentions: A magnetoencephalography (MEG) study. *Neuroimage*. <https://doi.org/10.1016/j.neuroimage.2019.116295>
11. Marino, M., **Arcara, G.**, Porcaro, C., & Mantini, D. (2019). Hemodynamic correlates of electrophysiological activity in the default mode network. *Frontiers in Neuroscience*, 13, 1060. <https://doi.org/10.3389/fnins.2019.01060>
12. Montemurro, S., Mondini, S., Signorini, M., Marchetto, A., Bambini, V., & **Arcara, G.** (2019). Pragmatic language disorder in Parkinson's Disease and the potential effect of Cognitive Reserve. *Frontiers in Psychology*, 10, 1220.
13. Arcara G., Tonini E., Muriago G., Mondin E., Sgarabottolo E., Semenza C., Bambini B. (2019) Pragmatics and figurative language in individuals with traumatic brain injury: fine-grained assessment and relevance-theoretic considerations. *Aphasiology*. DOI: 10.1080/02687038.2019.1615033
14. Montemurro, S., Mondini S., Signorini M., Marchetto, A., Bambini V., **Arcara G.** (in press) "Pragmatic language disorder in Parkinson's Disease and the potential effect of Cognitive Reserve." *Frontiers in Psychology* 10 (2019): 1220.
15. Pellegrino, G., **Arcara, G.**, Di Pino, G., Turco, C., Maran, M., Weis, L., Piccione, F., & Siebner, H. R. (2019). Transcranial direct current stimulation over the sensory/motor regions inhibits gamma synchrony. *Human brain mapping*. <https://doi.org/10.1002/hbm.24556>
16. Navarrete, E., **Arcara, G.**, Mondini, S., Penolazzi, B. (2019) Italian norms and naming latencies for 357 high quality color images. *Plos One*. <https://journals.plos.org/plosone/article/authors?id=10.1371/journal.pone.0209524>
17. **Arcara, G.**, Franzon F., Gastaldon, G., Brotto, S., Peresetti F., Semenza, C., Zanini, C. (in press) "One can be some but some cannot be one": ERP correlates of numerosity incongruence are

different for singular and plural

18. **Arcara, G.**, Pezzetta R., Rizzi, G., Formica, S., Benavides-Varela, S., Turco, C., Piccione, F., Semenza C., (*submitted*) How and where is simple multiplication solved? The interaction of the two hemispheres revealed by MEG.
19. Pellegrino, G., Maran, M., Turco, C., Weis, L., Piccione, F., & **Arcara, G.** (2018) Bilateral transcranial Direct Current Stimulation (tDCS) reshapes resting state brain networks: a magnetoencephalography (MEG) assessment. *Neural Plasticity*. [Link] [Download]
20. Cappelli, G., Noccetti, S., Arcara, G., Bambini, V. (2018) Pragmatic competente and its relationship with the linguistic and cognitive profile of young adults with dyslexia. *Dyslexia*. 2018;1–13. <https://doi.org/10.1002/dys.1588>
21. **Arcara, G.**, Mondini, S., Bisso, A., Palmer, K., Meneghello, F., & Semenza, C. (2018). The Relationship between Cognitive Reserve and Math Abilities, *Frontiers In Aging Neuroscience*. <http://doi.org/10.3389/fnagi.2017.00429>
22. Fyndanis, V., **Arcara, G.**, Christidou, P., Caplan, D., (*accepted*) Morphosyntactic Production and Verbal Working Memory: Evidence from Greek Aphasia and Healthy Aging. *Journal of Speech, Language, and Hearing Research*.
23. **Arcara, G.**, Burgio, F., Benavides-Varela, S., Toffano, R., Gindri, P., Tonini, E., Meneghello, F., Semenza, C. (2017) Numerical Activities of Daily Living - Financial (NADL-F) a tool for the assessment of financial capacities. *Neuropsychological Rehabilitation* <http://dx.doi.org/10.1080/09602011.2017.1359188>
24. Burgio, F., Benavides-Varela, S., **Arcara, G.**, Trevisson, E., Frizziero, D., Clementi, M., Semenza, C., (2017). Numerical activities of daily living in adults with neurofibromatosis type 1. *Journal of Intellectual Disability Research*. DOI: 10.1111/jir.12408
25. Fyndanis, V., Arfani, D., Varlokosta, S., Burgio, F., Maculan, A., Miceli, G., **Arcara, G.**, Palla, F., Cagnin, A., Papageorgiou, S.G., & Semenza, C. (2017). Morphosyntactic production in Greek-and Italian-speaking individuals with probable Alzheimer's disease: evidence from subject–verb agreement, tense/time reference, and mood. *Aphasiology*, 1-27.
26. Carotenuto, A., Arcara, G., Orefice, G., Cerillo, I., Giannino, V., Rasulo, M., ... & Bambini, V. (2017). Communication in Multiple Sclerosis: Pragmatic Deficit and its Relation with Cognition and Social Cognition. *Archives of Clinical Neuropsychology*, 1-12.
27. Di Rosa E., Mapelli, D., **Arcara G.**, Amodio, P., Tamburin, S., Shiff, S. (2017) Aging and risky decision-making: new ERP evidence from the Iowa Gambling Task. *Neuroscience Letters*. 640, 93-98
28. Bambini, V., **Arcara, G.**, Aiachini, B., Cattani, B., Dichiarante, M. L., Moro, A., ... & Pistarini, C. (2016). Assessing functional communication: validation of the Italian versions of the Communication Outcome after Stroke (COAST) scales for speakers and caregivers. *Aphasiology*, 1-27
29. ·Bambini V., **Arcara, G.**, Bechi, M., Buonocore M., Cavallaro, R. , Bosia, M. (2016) The communicative impairment as a core feature of schizophrenia: Frequency of pragmatic deficit, cognitive substrates, and relation with quality of life. *Comprehensive Psychiatry*.
30. **Arcara, G.**, and Bambini V. (2016) A test for the assessment of Pragmatic Abilities and Cognitive Substrates (APACS): Normative Data and psychometric properties. *Frontiers in*

31. Bambini V., **Arcara G.**, Martinelli, I., Bernini, S., Alvisi, E., Moro, A., Cappa, S., Ceroni, M. (2016) Communication and pragmatic breakdowns in amyotrophic lateral sclerosis patients. *Brain and Language* 153–154:1–12.
32. Benavides-Varela, S., Butterworth, B., Burgio, F., **Arcara, G.**, Lucangeli, D., Semenza, C., (2016) Numerical activities and information learned at home link to the exact numeracy skills in 5 to 6 years-old children. *Frontiers in Psychology*. doi: 10.3389/fpsyg.2016.00094
33. Bosia M., **Arcara G.**, Moro A., Cavallaro R., Bambini V. (2015) Pragmatic abilities across symptoms dimensions in schizophrenia. in Orletti, F. Dovetto F.M. & Cardinaletti A. (eds). *Studi italiani di linguistica teorica e applicata* (SILTA), Numero monografico: Tra linguistica medica e linguistica clinica. Il ruolo del linguista, XLIV(3).
34. Benavides-Varela, S., Burgio, F., Meneghello, F., De Marco, M., **Arcara, G.**, Rigon, J., ... & Semenza, C. (2015). Anatomical substrates and neurocognitive predictors of daily numerical abilities in Mild Cognitive Impairment. *Cortex*, 71.58-67.
35. Cona, G., **Arcara, G.**, Tarantino, V., Bisiacchi, P., (2015). Does predictability matter? Effects of cue predictability on neurocognitive mechanisms underlying Prospective Memory. *Frontiers in Human Neuroscience*. doi: 10.3389/fnhum.2015.0018 Download
36. Mondini, S., **Arcara, G.**, Jarema, G., (2014) Semantic and syntactic processing of Mass and Count nouns: Data from dementia. *Journal of Clinical and Experimental Neuropsychology*. DOI: 10.1080/13803395.2014.958437
37. Semenza, C., Meneghello, F., **Arcara, G.**, Burgio, F., Gnoato, F., Facchini, S., Benavides-Varela, S., Clementi, M., and Butterworth, B. (2014). A new clinical tool for assessing numerical abilities in neurological diseases: Numerical Activities of Daily Living. *Frontiers in Aging Neuroscience*. 6:112. doi: 10.3389/fnagi.2014.00112 Download
38. Casula, E. P., Tarantino, V., Basso, D., **Arcara, G.**, Marino, G., Toffolo, G. M., Rothwell, J. C., Bisiacchi, P. (2014) Low-frequency rTMS inhibitory effects in the primary motor cortex: insights from TMS-evoked potentials. *Neuroimage*, 98, 225-232.
39. **Arcara, G.**, Semenza, C., & Bambini, V. (2014) Word structure and decomposition effects in reading. *Cognitive Neuropsychology*, 31(1-2), 184-218.
40. **Arcara, G.**, Marelli, M., Buodo, G., Mondini, S. (2014) Compound headedness in the mental lexicon: an event-related potential study. *Cognitive neuropsychology*. 31(1-2), 164-183.
41. **Arcara, G.**, Bambini, V., & Semenza, C. (2013). Reading Italian Compound Words. *Procedia-Social and Behavioral Sciences*, 94, 181-182.
42. Pitteri, M., **Arcara, G.**, Passarini, L., Meneghello, F., & Priftis, K. (2013). Is two better than one? Limb activation treatment combined with contralesional arm vibration to ameliorate signs of left neglect. *Frontiers in human neuroscience*, 7.
43. Cona, G., **Arcara G.**, Schiff S., Amodio P., Bisiacchi P.S. (2013) Does Executive Control Really Play a Crucial Role in Explaining Age-Related Cognitive and Neural Differences? *Neuropsychology*. 27(3). 378-389.
44. Bergamaschi, S., **Arcara, G.**, Calza, A., Villani, D., Orgeta, V., & Mondini, S. (2013). One-year repeated cycles of cognitive training (CT) for Alzheimer's disease. *Aging clinical and experimental research*, 1-6.

45. Palmieri, A., Sorarù, G., D'Ascenzo, C., Balestreri S., **Arcara G.**, Ermani, M., Pegoraro, E., Semenza, C., (2012) Specific numerical processing impairment in ALS patients. *Amyotrophic Lateral Sclerosis*. doi:10.3109/17482968.2012.719235
46. Mondini, S., **Arcara, G.**, & Semenza, C. (2012) Lexical and buffer effects in reading and in writing Noun-Noun compound nouns. *Behavioural Neurology*. 25 (3) 245-253.
47. Cona, G., **Arcara, G.**, Tarantino, V., & Bisiacchi, P. S. (2012) Age-related differences in the neural correlates of remembering time-based intentions. *Neuropsychologia* 50(11), 2692-2704.
48. **Arcara, G.**, Lacaita, G., Mattaloni, E., Passarini, L., Mondini, S., Benincà, P., and Semenza, C. (2012). Is "hit and run" a single word? The processing of irreversible binomials in neglect dyslexia. *Frontiers in Psychology*. 3(11). Download
49. **Arcara, G.**, Lacaita, G., Mattaloni, E., Mondini, S., Benincà, P., & Semenza, C. (2010). Irreversible binomials: evidence from neglect dyslexia. *Procedia-Social and Behavioral Sciences*, 6, 20-21.
50. Cona, G., **Arcara, G.**, Tarantino, V., and Bisiacchi, P.S. (2012). Electrophysiological correlates of Strategic Monitoring in Event-Based and Time-Based Prospective Memory. *Plos one*. 7 (2), e31659.
51. Semenza, C., **Arcara, G.**, Facchini, S., Meneghello, F., Ferraro, M., Passarini, L., Pilosio, C., Vigato, G., and Mondini, S. (2011) Reading compounds in neglect dyslexia: the headedness effect. *Neuropsychologia*. 49, 3116-3120.
52. **Arcara, G.**, Cona, G., Tarantino, V., & Bisiacchi, P. S. (2011). Neural correlates of prospective memory: A comparison between a time-based and an event-based task. *Psychophysiology* (Vol. 48, pp. S75-S76).
53. **Arcara, G.**, Mondini, S., Mazzaro, F., Jarema, G., & Semenza, C. (2011). The Mental Representation of Irreversible Binomials: Evidence from a Serial Recall Task. *Procedia-Social and Behavioral Sciences*, 23, 150-151.
54. Mondini S., Kehayia, E., Gillon, B., **Arcara, G.**, & Jarema, G. (2009) Lexical Access of Mass and Count nouns: How word recognition reaction times correlate with lexical and morphosyntactic processing. *The Mental lexicon*. 4(3) 354-379.

BOOKS AND BOOK CHAPTERS

55. Sarlo, M., **Arcara, G.**, L'EEG e la MEG nelle neuroscienze cognitive. In Bisiacchi, P., Vallesi, A., (eds). *Il cervello al lavoro*. Carocci. Roma
56. Mondini, S., Mapelli, D., **Arcara, G.** Semeiotica e Diagnosi Neuropsicologica. Carocci. Roma. (tr. "Semiotics and Diagnosis in Neuropsychology")
57. Mondini, S., Mapelli, D., Vestri, A., **Arcara, G.**, Bisiacchi P. (2011) Esame Neuropsicologico Breve. Raffaello Cortina Editore, Milano. ("tr. Short Neuropsychological Assessment 2")
58. Mondini, S., Mapelli, D., **Arcara, G.**, (2009) La Valutazione Neuropsicologica. Carocci, Roma. (tr. "The neuropsychological assessment")
59. Mondini, S., **Arcara, G.** (2008) Come si svolge l'esame neuropsicologico. In: Angelo Bianchi (ed.) L'esame neuropsicologico dell'adulto: applicazioni cliniche e forensi. Giunti O.S., Firenze. (tr. "How to perform the neuropsychological assessment")

SOFTWARE

60. **Arcara G.**, and Petrova A. (2014) **erpR**: ERP analysis, graphics and utility functions. R package version 0.2.0.
61. **Arcara G, Marino M.**, Pascarella A., Pellegrino G., (2018) **Gondola**: a matlab/octave toolbox for brain network analysis.

Date 09/02/2021