

PERSONAL INFORMATION

CHIARA VOLPATO

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Date of birth: 15/03/1975

Nationality: Italian

WORK EXPERIENCE

- April 2003 - December 2004 Consultant psychologist, Centre for Alzheimer 's Disease treatment, Istituzioni di ricovero e di educazione, Venice, Italy
- March 2003 - March 2006 Research contract, Centre for Parkinson's Disease, Associazione Fatebenefratelli per la Ricerca (AFaR), San Raffaele Arcangelo-Fatebenefratelli Hospital, Venice, Italy
- April 2006 - February 2010 Research contract, Department of Neuropsychological and Behavioural Rehabilitation and Department of Clinical Neurophysiology IRCCS Fondazione Ospedale San Camillo, Venice, Italy
- March 2010 - April 2011 Employee psychologist, head of the following research program: Neurophysiological techniques for investigating and promoting neuroplasticity in post stroke patients. Department of Clinical Neurophysiology, IRCCS Fondazione Ospedale San Camillo, Venice, Italy
- April 2011 – June 2016 Research contract, Department of Behavioural Neuroscience, IRCCS Fondazione Ospedale San Camillo, Venice, Italy. Head of the following research program: Assessment of cognitive and behavioural in neurological diseases by electrophysiological and functional imaging techniques
- February 2014 – May 2016 Adjunct professor at IUSVE, educational psychology, Istituto Universitario Salesiano, Venice, Italy
- June 2016 – August 2019 Employee psychologist, neuropsychological assessment and rehabilitation, Department of Clinical Neurophysiology, IRCCS Fondazione Ospedale San Camillo, Venice, Italy
- August 2019 - today Employee psychologist, neuropsychological assessment and rehabilitation, Department of Clinical Neurophysiology, IRCCS San Camillo, Venice, Italy

EDUCATION AND TRAINING

- July 1994 Bachelor of classical studies, Liceo Ginnasio "R. Franchetti", Venice, Italy
- June 2000 Magna cum laude Psychology Degree, University of Padua, Italy
- September 2000 - September 2002 Training in neuropsychology, Department of neuropsychology, Santi Giovanni e Paolo Hospital, Venice, Italy
- January 2003 Professional registration to practise psychology
- December 2007 Postgraduate Degree in Psychotherapy - Centre for the study and development of short term psychotherapy, Padua, Italy
- January 2011 PhD in Neuroscience, University of Padua, Italy

LANGUAGE SKILLS

Mother tongue Italian
Other language

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
Independent User	Proficient User	Independent User	Independent User	Proficient User

PERSONAL SKILLS

Job-related skills

Clinical

- Neuropsychological diagnosis and rehabilitation
- Psychopathological diagnosis and psychotherapy
- Relaxation techniques (Training autogeno, hypnosis, etc...)

Technical

- Electroencephalography recording (EEG)
- Transcranial Magnetic Stimulation (TMS)
- Transcranial Electrical Stimulation (tDCS)

Scientific

- Drawing up of research proposal
- Experimental design definition
- Experimental setup implementation
- EEG data processing
- Statistical analysis
- Dissemination of research results (poster and communications, scientific articles)

Computer skills

Microsoft Office Package

SPSS (statistical analysis)

EEGLAB, BrainVisionAnalyzer (EEG processing)

E-Prime (psychological experiments implementation)

PRINCIPAL PUBLICATIONS

1. Denes G, Signorini M and **Volpato C**. *Post graphemic impairments of writing: the case of micrographia*. Neurocase, 2005 Jun;11(3):176-81.
2. Signorini M and Volpato C. *Action fluency in Parkinson's disease. A follow-up study*. Movement Disorders, 2006 Apr;21(4): 467-72.
3. Silvoni S, **Volpato C**, Cavinato C, Marchetti M, Priftis K, Merico A, P Tonin, Koutsikos K, Beverina F and Piccione F. *P300-based brain-computer interface communication: evaluation and follow-up in amyotrophic lateral sclerosis*. Front. Neuropro., doi:10.3389/neuro.20.001.2009
4. **Volpato C**, Signorini M, Meneghello F, Semenza C. *Cognitive and personality features in Parkinson disease: 2 sides of the same coin?* Cogn Behav Neurol. 2009 Dec;22(4):258-63.
5. L. Tonin, Menegatti E., M. Cavinato, C. Davanzo, M. Pirini, A. Merico, L. Piron, K. Priftis, S. Silvoni, C. **Volpato**, F. Piccione (2009). *Evaluation of a robot as embodied interface for Brain Computer Interface systems*. International Journal of Bioelectromagnetism, vol. 11, p. 97-104, ISSN: 1456-7857
6. **Volpato C**, Piccione F, Silvoni S, Cavinato M, Palmieri A, Meneghello F, Birbaumer N. *Working memory in amyotrophic lateral sclerosis: auditory event-related potentials and neuropsychological evidence*. J Clin Neurophysiol. 2010 Jun;27(3):198-206.
7. Palmieri A, Naccarato M, Abrahams S, Bonato M, D'Ascenzo C, Balestreri S, Cima V, Querin G, Dal Borgo R, Barachino L, **Volpato C**, Semenza C, Pegoraro E, Angelini C, Sorarù G. *Right hemisphere dysfunction and emotional processing in ALS: an fMRI study*. J Neurol. 2010 Jul 1.
8. Cavinato M, **Volpato C**, Silvoni S, Sacchetto S, Merico A, Piccione F. *Event-Related Brain Potential Modulation in Patients with Severe Brain Damage*. Clinical Neurophysiology. Clin Neurophysiol. 2010 Nov 2.
9. Silvoni S, Ramos-Murguialday A, Cavinato M, **Volpato C**, Cisotto G, Turolla A, Piccione F, Birbaumer N. *Brain-Computer Interface in Stroke: a Review of Progress*. Clinical EEG and Neuroscience, October 2011.
10. **Volpato C**, Bencini G, Meneghello F, Piron L, Semenza C. *Covert reading of letter in a case of global alexia*. Brain and Language 2012 Mar;120(3):217-25.
11. Cavinato M, Rigon J, **Volpato C**, Semenza C, Piccione F. *Preservation of Auditory P3-Like Potentials in Cortical Deafness*. Plos One 2012;7(1):e29909.
12. Silvoni S, Ramos-Murguialday A, Cavinato M, **Volpato C**, Cisotto G, Turolla A, Piccione F, Birbaumer N. *Brain-Computer Interface in Stroke: a Review of Progress*. Clinical EEG and Neuroscience 2011 Oct;42(4):245-52.
13. **Volpato C**, Piccione F, Cavinato M, Duzzi D, Schiff S, Foscolo L, Venneri A. *Modulation of affective symptoms and resting state activity by brain stimulation in a treatment-resistant case of Obsessive Compulsive Disorder*. Neurocase, 2012 May 4.
14. Silvoni S, Cavinato M, **Volpato C**, Ruf CA, Birbaumer N, Piccione F. *Amyotrophic lateral sclerosis progression and stability of brain-*

- computer interface communication. Amyotroph Lateral Scler Frontotemporal Degener.* 2013 Sep;14(5-6):390-6. doi: 10.3109/21678421.2013.770029.
15. **Volpato C**, Cavinato M, Piccione F, Garzon M, Meneghello F, Birbaumer N. *Transcranial direct current stimulation (tDCS) of Broca's area in chronic aphasia: a controlled outcome study.* Behav Brain Res. 2013 Jun 15;247:211-6. doi: 10.1016/j.bbr.2013.03.029.
 16. Schiff S, D'Avanzo C, Cona G, Goljahani A, Montagnese S, **Volpato C**, Gatta A, Sparacino G, Amodio P, Bisiacchi P. *Insight into the relationship between brain/behavioral speed and variability in patients with minimal hepatic encephalopathy.* Clin Neurophysiol. 2013 Sep 10. doi:pii: S1388-2457(13)00983-8. 10.1016/j.
 17. Silvoni S, Cavinato M, **Volpato C**, Cisotto G, Genna C, Agostini M, Turolla A, Ramos-Murguialday A, Piccione F. *Kinematic and neurophysiological consequences of an assisted-force-feedback brain-machine interface training: a case study.* Front Neurol. 2013 Nov 7;4:173. doi: 10.3389/fneur.2013.00173.
 18. Palmieri A, Mento G, Calvo V, Querin G, D'Ascenzo C, **Volpato C**, Kleinbub JR, Bisiacchi PS, Sorarù G. *Female gender doubles executive dysfunction risk in ALS: a case-control study in 165 patients.* J Neurol Neurosurg Psychiatry. 2014 Jul 25. pii: jnnp-2014-307654. doi: 10.1136/jnnp-2014-307654
 19. Silvoni S, Konicar L, Prats-Sedano MA, Garcia-Cossio E, Genna C, **Volpato C**, Cavinato M, Paggiaro A, Veser S, De Massari D, Birbaumer N. *Tactile event-related potentials in amyotrophic lateral sclerosis (ALS): Implications for brain-computer interface.* Clin Neurophysiol. 2015 Jul 14. pii: S1388-2457(15)00713-0. doi: 10.1016/j.clinph.2015.06.029.
 20. **Volpato C**, Prats-Sedano MA, Silvoni S, Segato N, Cavinato M, Merico A, Piccione F, Palmieri, Birbaumer N. Selective attention impairment in amyotrophic lateral sclerosis. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration.* 2016;17(3-4):236-44. doi: 10.3109/21678421.2016.1143514
 21. **Volpato C**, Schiff S, Facchini S, Silvoni S, Cavinato M, Piccione F, Antonini A, Birbaumer N. Dopaminergic Medication Modulates Learning from Feedback and Error-Related Negativity in Parkinson's Disease: A Pilot Study. *Front Behav Neurosci.* 2016 Oct 24;10:205