

Europass Curriculum Vitae



Personal information

First name / Surname | Francesco Neri
Address | 14, Via degli Umiliati, Siena (SI), 53100, Italy
Telephone | (+39)3393431257
E-mail | neri.francesco@outlook.com
Web site | www.neuropsi.info
Nationality | Italy

Date of birth | 18.02.1985

Gender | Male

Occupational field | **Clinical neuropsychology:** assessment, diagnosis and treatment of cognitive disorders across the lifespan.
Neuroscience Research: use of Non-Invasive Brain Stimulation (NIBS) techniques to investigate the normality and pathology of cognitive functions in humans. Experimental Data Analysis and fMRI signal Analysis (BOLD and CBF).

WORK EXPERIENCES

Dates	February 2016 onwards
Occupation or position held	PhD student
Main activities and responsibilities	Investigation of high cognitive functions as memory, attention, fluid intelligence, working memory by means of Non-Invasive Brain Stimulation (NIBS) as TMS (Transcranial Magnetic Stimulation) and tES (Transcranial Electrical Stimulation). Functional Magnetic Resonance (fMRI) BOLD signal preprocessing and analysis. Motor Evoked Potential (MEP). Behavioral Data analysis and Statistical Analysis.
Name and address of employer	Department of Medicine, Surgery and Neuroscience, Neurology and Clinical Neurophysiology Section, Brain Investigation & Neuromodulation Lab. (SiBIN Lab), University of Siena, Italy - Prof. Simone Rossi and Dott. Emiliano Santarnecchi.
Type of business or sector	Cognitive and Neuroscience Research.

Dates	December 2015 onwards
Occupation or position held	Clinical Neuropsychologist
Main activities and responsibilities	Assessment, Rehabilitation and family support to children with specific learning disorders (LD). Assessment, Rehabilitation and family support to children with Attention and Hyperactivity Disorder ADHD. Assessment, Rehabilitation and support to adults with cognitive deficits (aphasia, visuospatial, frontal, attention, perception disorders).
Name and address of employer	Centro "Il trampolino" Viale Toselli n.43, Siena, Italy.
Type of business or sector	Health Worker.

Dates	September 2013 – November 2015.
Occupation or position held	Psychologist
Main activities and responsibilities	Assessment, Rehabilitation and family support to children with specific learning disorders (LD). Assessment, Rehabilitation and family support to children with Attention and Hyperactivity Disorder ADHD. Assessment, Rehabilitation and support to adults with cognitive deficits (aphasia, visuospatial, frontal, attention, perception disorders). Providing support to children with specific learning disorders, attention disorders, cognitive deficits.
Name and address of employer	Centro Dedalo - Strada Massetana Romana, Siena, Italy – Dott.ssa Valentina Campanella.
Type of business or sector	Health Worker.

Dates	May 2012 – October 2012
Occupation or position held	Psychology internship
Main activities and responsibilities	Assessment, diagnosis, treatment and rehabilitation of children with development disorders, ADHD, primary language deficits, specific learning disorders.
Name and address of employer	Meyer hospital, Florence, Italy – Dott.ssa Tiziana Mettieri.
Type of business or sector	Health Worker.

Dates	September 2011 – April 2012.
Occupation or position held	Psychology internship
Main activities and responsibilities	Assessment, diagnosis, treatment and rehabilitation of individuals with neurological or neurodevelopmental disorders across the lifespan. Treatment of adults with neuropsychological - memory, language, attention, visuo-spatial – deficits.
Name and address of employer	CNC – centro di ricerche neuroscienze, Cesena, Italy – Professoressa Elisabetta Ladavas.
Type of business or sector	Health Worker.

Dates	Summer 2007 – Summer 2008.
Occupation or position held	Educator
Main activities and responsibilities	Educator for children with personal or family problems in a summer stay.
Name and address of employer	ARCI ragazzi Siena, strada di Pescaia, Siena, Italy.
Type of business or sector	Social Co-operative.

Projects and Conferences

November 2019

Chairman and talk in a symposium on Long Term Memory theme: **Long-Term Memory: new insights and perspectives for neuromodulation**: fMRI activation during short story recall task - a performance-based correlation study - SIPF 2019 conference – Ferrara

November 2019

Chairman and talk in a symposium on Long Term Memory theme: **Long-Term Memory: new insights and perspectives for neuromodulation**: fMRI activation during short story recall task - a performance-based correlation study - SIPF 2019 conference – Ferrara

February 2017

“Il Cervello tra Neuroscienze, Neurochirurgia e Robotica” - SiBinLab Open Day Lab – Project for Brain Awareness Week 2017 - Ospedale Le Scotte - Siena

February 2017

“Alimentare l’Attenzione” – Project for Brain Awareness Week 2017 – Circolo Ponterosso – Figline Valdarno - Firenze

October 2015

“Sporchiamoci le mani” – Project by “Asspciazione Serenamente A.P.S. Four days of practical use of compensatory measures with the teachers in the school of Colle Val D’Elsa.

September 2015

“Sporchiamoci le mani” – Project by “Asspciazione Serenamente A.P.S. Four days of practical use of compensatory measures with the teachers in the school of Monteriggioni.

Publications

2019 - **A Novel tDCS Sham Approach Based on Model-Driven Controlled Shunting** – Francesco Neri, Lucia Mencarelli, Arianna Menardi, Fabio Giovannelli, Simone Rossi, Giulia Sprugnoli, Alessandro Rossi, Alvaro Pascual-Leone, Ricardo Salvador, Giulio Ruffini, Emiliano Santarnecchi - *Brain Stimulation*

2019 - **Peculiarities of functional connectivity -including cross-modal patterns- in professional Karate athletes: correlations with cognitive and motor performances** - Beatrice Berti, Davide Momi, Giulia Sprugnoli, Francesco Neri, Marco Bonifazi, Alessandro Rossi, Maria M. Muscettola, Roberto Benocci, Emiliano Santarnecchi and Simone Rossi - *Neural Plasticity*.

2019 - **Cognitive Enhancement via Network-Targeted Cortico-cortical Associative Brain Stimulation** - Davide Momi, Francesco Neri, Giovanni Coiro, Carlo Luca Smeralda, Domenica Veniero, Giulia Sprugnoli, Alessandro Rossi, Alvaro Pascual-Leone, Simone Rossi, Emiliano Santarnecchi - *Cerebral Cortex*

2019 - **Stimuli, presentation modality, and load-specific brain activity patterns during n-back task** - Mencarelli L., Neri F., Momi D., Menardi A., Rossi S., Rossi A., Santarnecchi E. - *Human Brain Mapping*.

2019 - **Reduction of intratumoral brain perfusion by noninvasive transcranial electrical stimulation** - Sprugnoli G., Monti L., Lippa L., Neri F., Mencarelli L., Ruffini G., Salvador R., Oliveri G., Batani B., Momi D., Cerase A., Pascual-Leone A., Rossi A., Rossi S., Santarnecchi E. - *Science Advance*

2018 - **Thalamic Morphometric Changes Induced by First-Person Action Videogame Training** - Momi D., Smeralda C., Sprugnoli G., Neri F., Rossi S., Rossi A., Di Lorenzo G., Santarnecchi E. - *European Journal of Neuroscience*.

2018 - **Modulation of network-to-network connectivity via spike-timing-dependent noninvasive brain stimulation** - Santarnecchi E., Momi D., Sprugnoli G., Neri F., Pascual-Leone A., Rossi A., Rossi S. - *Human Brain Mapping*.

2018 - **Brain functional connectivity correlates of coping styles** - Santarnecchi E., Sprugnoli G., Tatti E., Mencarelli L., Neri F., Momi D., Di Lorenzo G., Pascual Leone A., Rossi S., Rossi A. - *Cognitive, Affective, & Behavioral Neuroscience*.

2015 - **Improving memory following prefrontal cortex damage with the PQRST method** - Ciaramelli E., Neri F., Marini L., Braghittoni, D. - *Frontiers Behavioral Neuroscience*.

Education and Training

Dates	October 2015 – University of Padova
Title of qualification awarded	Hands on course on the practical use of the Biofeedback technology. Bases of EEG Signal Analysis
Dates	2018 – 2019 – Icofea FAD
Title of qualification awarded	Specialist for Learning Disabilities Diagnosis and Rehabilitation
Dates	2010-2012.
Title of qualification awarded	Master's degree in Neuroscience and Neuropsychological rehabilitation
Principal skills covered	Neuropsychological evaluation and rehabilitation in adults and children with congenital and acquired cognitive deficits (memory, attention, language, . Neuroscience research Psychometric techniques and statistical methods in neuroscience research Forensic Psychology Behavioral Psychology Theories and models of the neuropsychology Thesis: <i>"the PQRST method in memory deficits of frontal patients"</i>
Name and type of organisation	University of Bologna
Level in national classification	107/110
Dates	2005-2009
Title of qualification awarded	Bachelor's degree in General and Experimental psychology.
Principal skills covered	History of Psychology General Psychology Models and theories of Cognitive Psychology Statistic and Psychometric techniques Thesis: <i>"Research in the neuroeconomics"</i>
Name and type of organisation	University of Florence

Personal skills

Mother tongue **Italian**

Other Language Self-assessment	Understanding		Speaking		Writing
	<i>Listening</i>	<i>Reading</i>	<i>Comprehension</i>	<i>Production</i>	
<i>English (European Level)</i>	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user
<i>Spanish (European Level)</i>	A2 Basic user	A2 Basic user	A2 Basic user	A2 Basic user	A2 Basic user

Social skills and competences	I like staying together with people and since when I was a child, I chose activities where it was very important the understanding of peoples' feelings. I played as the goalkeeper in soccer teams and I love to play it still now. I have chosen to study psychology to continue my natural predisposition to feel the others and trying to help people with special needs. I love travelling, to know other cultures and in particular I have two journeys in my heart: in the 2008 I travelled along the United States for two months and in the 2010 I walked alone all "El Camino de Santiago" with the intent to reach Santiago de Compostela and I crossed all the Spain for more than 900 km, knowing many people from all over the world.
Organisational skills and competences	I can organize work time and space and I always think how to optimize resources of a job. As a Clinical Neuropsychologist I have faced various tough situations where the time to draw up a plan is the priority to obtain success. Many years ago, during the psychologist State Exam, I have worked as tourist guide, organizing activities and games for people. I am also a rescuer of the Public Assistance in Siena.
Technical skills and competences	I am fast to understand new technical skills. I can use Eprime to develop new computerized experiments and I can set up and administer most of the NIBS techniques (as TMS and tES). I know how to use main Statistic Analysis software in the field of Neuroscience Research (as SPSS, Matlab, SPM, CONN). I know how to set up experiments that require the use of structural magnetic resonance imaging and functional magnetic resonance imaging (Arterial Spin Labeling and functional Magnetic Resonance Imaging) and I know how to preprocess and analyze the data statistically. I know how to set up and analyze experiments requiring the use of an electromyograph (EMG), especially the registration of the evoked motor potentials (MEPs). As a Clinical Neuropsychologist, I can administer most of the neuropsychological assessment tests.
Computer skills and competences	Microsoft Word, Microsoft Excel, Microsoft Publisher, Microsoft Power Point, Web Browsing, SPSS, Statistic 7.0 Lightroom, Photoshop, GIMP 2, Eprime, Matlab, SPM, CONN)
Artistic skills and competences	I love photography, especially I love to take pictures of the beautiful countryside close to Siena and macro photography. I can play the acoustic guitar and I love music, especially rock and old pop.
Driving licence	B license and CAP B license

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base art. 13 del D. Lgs. 196/2003.