

ELENA FENOGLIO

PHD STUDENT IN BIOENGINEERING



EDUCATION

PHD IN BIOENGINEERING

Neuromodulation and VR environment for upper limb prosthetic users training
University of Genoa | 2023 - Present

MSC IN COGNITIVE NEUROSCIENCE

Thesis: Augmented Reality, Motor Learning and neural correlates of Motor Imagery
CIMEC-University of Trento | 2020 - 2022

SOI - SCHOOL OF INNOVATION

Basics of Innovation, Technology and Business
University of Trento | Feb 2022 - Jul 2022

BSC IN NEUROPHYSIOPATHOLOGY TECHNIQUES

Thesis: Social Stories for improving EEG in children with Autism Spectrum Disorder
University of Turin | 2016 - 2019

EXPERIENCE

PHD STUDENT FELLOWSHIP

Data analysis on EEG brain tumors conditions
Istituto Italiano di Tecnologia, Genoa | Jan 2023 - Oct 2023

RESEARCH COLLABORATOR

Data analysis on functional connectivity in Idiopathic Generalized Epilepsy
Fondazione Casimiro Mondino, Pavia | Nov 2022 - Oct 2023

NEUROPHYSIOPATHOLOGY TECHINCIAN

Anamnesis and execution of EEG and EMG examinations
San Francesco Medical Office, Pinerolo | Feb 2020 - Mar 2021

AWARDS & CONFERENCES

- Fenoglio E, Tartara E, Esposito R, Leuci E, Galimberti CA, De Icco R, Semprini M. Characterizing Idiopathic Generalized Epilepsies: a functional connectivity hdEEG study. Poster submitted at: Society for Neuroscience 2023, Washington DC, USA.
- Fenoglio E, Garro F, Bucchieri A, Forsiuk I, Barresi G, Buccelli S, De Michieli L, Semprini M. Tackling Motor Imagery Based BCI Illiteracy through a Novel Augmented Reality Paradigm. Poster presented at: BCI Meeting 2023; June, 2023; Bruxelles, Belgium.
- BCI & Neurotechnology Spring School, Online Partecipation (2022)
- "FERROGLIO AWARD" FOR THE BEST-GRADUATED STUDENT in 2019, AITN (2019)

TECHNICAL SKILLS & LANGUAGES

- Matlab (PsychToolbox, Fieldtrip, EEGLAB)
- R (beginner user)
- LabView

- Italian (Native)
- English (IELTS: 7 - CEFR: C1)