



● WORK EXPERIENCE

01/10/2020 – CURRENT Nottingham, United Kingdom

PHD STUDENT NOTTINGHAM TRENT UNIVERSITY

PhD title: "Motor challenges in communication disorders: Implications for Augmentative Alternative Communication (AAC) and Assistive Technology (AT) interventions."

Research area:

- Quantitative linguistic (authorship attribution methods)
- Eye-tracking
- Movement analysis
- Cognitive load (fNIRS)

01/09/2018 – CURRENT Padova, Italy

SPEECH AND LANGUAGE THERAPIST NOVILUNIO APS

Speech therapist:

- Assistive Technology (AT) and Augmentative Alternative Communication (AAC) projects (assessment and training) with people with different disabilities (autism, cerebral palsy, neurological disorders, dementia).
- Individual and group communication assessment and rehabilitation

Visiting researcher within the EU "REMIND" project:

UMCG Groningen (NED) 09/2018-10/2018

Halmstad University (SWE) 10/2018-11/2018

Ageing Lab, Jaen (ESP) 05/2018-06/2018

Correlator:

Bachelor's degree's thesis, Speech and language therapy (UNIPD)

09/2019 – 11/2020 Padova, Italy

CO-FOUNDER-SPEECH THERAPIST BEETECH TECNOLOGIA E RIABILITAZIONE

Speech therapist:

- AAC and AT assessment
- AAC and AT users' training
- AAC and AT practitioners' training

● EDUCATION AND TRAINING

10/2018 – 09/2019 Padova, Italy

MASTER DEGREE- LINGUISTIC Università degli studi di Padova

10/2013 – 03/2017 Padova, Italy

BACHELOR DEGREE - SPEECH AND LANGUAGE THERAPY Università degli studi di Padova

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Office | Social Media | Adobe Creative Cloud (Adobe Photoshop, Adobe Premiere Pro, Adobe After Effects, Adobe Illustrator) | GRID3-Thinksmartbox-AAC programming

Experimental suite

Artinis fNIRS | CODAmotion System | SMI Experiment Suite (Experient Center and BeGaze)

Programming

Matlab/Simulink | Stylo | Unity Real-Time Development Platform

● ADDITIONAL INFORMATION

DRIVING LICENCE

Driving Licence: B

PUBLICATIONS

[Touch may reduce cognitive load during assisted typing by individuals with developmental disabilities](#)

– 2023

Nicoli, G., Pavon, G., Grayson, A., Emerson, A., and Mitra, S. (2023). Touch may reduce cognitive load during assisted typing by individuals with developmental disabilities. *Frontiers in Integrative Neuroscience* 17. Available at: <https://www.frontiersin.org/articles/10.3389/fnint.2023.1181025>

[Individuals with developmental disabilities make their own stylistic contributions to text written with physical facilitation](#)

– 2023

Nicoli G, Pavon G, Grayson A, Emerson A, Cortelazzo M and Mitra S (2023) Individuals with developmental disabilities make their own stylistic contributions to text written with physical facilitation. *Front. Child Adolesc. Psychiatry* 2:1182884. doi: 10.3389/frcha.2023.1182884

CONFERENCES AND SEMINARS

10/02/2023 – 10/02/2023 – Milano

Teacher Course title

AAC - INNOVATIVE FREE AND LOW-COST TOOLS AND SOLUTIONS TO ENHANCE MOTIVATION FOR COMMUNICATION AND LEARNING AUTONOMY.

Lecture topics:

- The use of technologies in rehabilitation
- Assistive technologies, e-health, and universal design
- Communicative interaction and play through assistive technologies (serious games, social robots, and Brain-Computer Interface - BCI)
- Co-design experiences in the design and development of low-cost solutions.

17/10/2022 – 19/10/2022 – Alzheimer Europe 2022- Bucharest

Speaker Co-designing strategies to facilitate the choice and the use of everyday technological solutions in PWDs.

Milano

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AAC - INNOVATIVE FREE AND LOW-COST TOOLS AND SOLUTIONS TO ENHANCE MOTIVATION FOR COMMUNICATION AND LEARNING AUTONOMY.

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