






PERSONAL INFORMATION

Guido Mascia



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Sex Male | Date of birth 20 Apr 1993 | Nationality Italian

EDUCATION AND TRAINING

Nov 2019–Present	PhD Student in Human Movement and Sport Sciences Università di Roma "Foro Italico", Roma (Italy) Laboratory of Bioengineering and Neuromechanics	EQF level 8
Sep 2017–Oct 2019	Master Degree's (magna cum laude) in Biomedical Engineering Università Politecnica delle Marche (UNIVPM), Ancona (Italy)	EQF level 7
Sep 2012–Dec 2016	Bachelor's Degree in Informatics & Robotics Engineering Università Politecnica delle Marche (UNIVPM), Ancona (Italy)	EQF level 6

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

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

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

- Advance knowledge: MATLAB, LaTeX, Linux, Windows, Vector Graphics, Adobe Photoshop Suite.
 - Good knowledge: Python, C/C++, R.

Driving licence B

ADDITIONAL INFORMATION

Publications - Award: *SIAMOC award 2019* in the category "Best methodological paper" for the paper "Intra-

subject classification of gait phases by neural network interpretation of EMG signals" F. Di Nardo , C. Morbidoni , A. Strazza, G. Mascia, F. Verdini, S. Fioretti

- Coauthor: "Intra-subject classification of gait phases by neural network interpretation of EMG signals," *Gait & Posture*, Volume 74, Supplement, 2019, Pages 13-14.

- Coauthor: "Co-activation of Knee Muscles in Female vs. Male Adults," *2019 XV Mediterranean Conference on Medical and Biological Engineering and Computing - MEDICON 2019*, Coimbra, Portugal, 2019, pp. 167-173.

- Coauthor: "Gait Phase Classification from Surface EMG Signals Using Neural Networks," *2019 XV Mediterranean Conference on Medical and Biological Engineering and Computing - MEDICON 2019*, Coimbra, Portugal, 2019, pp. 75-82.

- Coauthor: "Dofetilide-Induced Microvolt T-Wave Alternans," *2019 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*, Berlin, Germany, 2019, pp. 95-98.