



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s)	Schinaia Lorenzo	
Address	via pisistrato 24, 00124 Rome (Italy)	
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E-mail(s)	lorenzoschinaia@yahoo.it	
Nationality	Italian	
Date of birth	27/03/1983	
Gender	Male	

Work Experience

Dates	2010-2011
Occupational field	Electronic Engineering: design and programming of hardware devices (platform used: Freescale and Renesas)
Name and type of organisation	"Indesit Company" Internship in Research and Development Area : Innovation and Digital Design (IDD)

Education and training

Dates	2011 – 2014
Title of qualification awarded	Ph.D Neuroscience (Neurophysiology of the head and neck)
Principal subjects / occupational skills covered	Research on Cochlear Implants (CI) technology: analysis of speech signals features and signal processing strategies, study on neurostimulation (Electric Impedance, Neural Response Telemetry), implementation of rehabilitation software (Music training, Audiometric test), statistical analysis. Activities: fitting operation of CI, intra-operative measures.
Name and type of organisation providing education and training	Institute of Otorhinolaryngology Catholic University of the Sacred Heart "A. Gemelli" University Hospital Largo Gemelli,8 00168 Rome, Italy.
Dates	11th-15th June 2012
Title of qualification awarded	VI European Summer School of Neuroengineering "Massimo Grattarola"
Principal subjects	Neurons and Semiconductor: interfacing with microelectronics and Microionics; Micro and nanotechnologies for neurophysiological applications; Novel material and organic devices for interacting with cells and systems.
Name and type of organisation providing education and training	University of Genova, Villa Cambiaso Giustiniani 1, via Montallegro (Albaro district) Genova, Italy

Dates 2007 - 2009
 Title of qualification awarded Master in Biomedical Engineering
 Principal subjects / occupational skills covered Laboratory of Biomedical Engineering: Study and Analysis on Acquisition data (EKG, pulse oximeter, electromyography) with Bluetooth Protocol and studies on teledetection of movement the elderly (Dynamometric dais and Accelerometers).
 Name and type of organisation providing education and training Third University of Rome (RomaTre) (Electronic Engineering)
 Via della Vasca Navale 79, Rome (Italy)

Dates 2001 - 2006
 Title of qualification awarded Degree Electronic Engineering
 Principal subjects / occupational skills covered Electronic Laboratory: experience on Microcontroller (Flexis 32bit- Freescale semiconductor), Digital Electronic.
 Participated Erasmus Project at ENSERG (Ecole Nationale Supérieure d'Electronique et de Radioélectricité de Grenoble) (France 2004-2005)
 Name and type of organisation providing education and training Third University of Rome (RomaTre) (Electronic Engineering)
 via della vasca navale 79, Rome (Italy)

Dates 1996 - 2001
 Title of qualification awarded "Diploma di Maturità" equivalent to final exams of secondary school of Scientific subjects
 Principal subjects / occupational skills covered Expression of Italian and English Language, Mathematics, Physics Chemistry, Biology, Computer Sciences, classical Language, Natural Sciences
 Name and type of organisation providing education and training Liceo Statale Democrito (Scientific)
 viale Prassilla, 00124 Rome (Italy)

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment
 European level (*)

En
French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B1	Independent user	B1	Independent user	B2	Independent user	B1	Independent user	A2	Basic User

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences Ability in project development, Ability in interactive skills in training and teamwork. Leadership skills; Leader of Scout Group (Roma59 AGESCI); Volunteer in the Italian Red Cross.

Organisational skills and competences Ability to work under pressure with working deadlines. Autonomy in Project development

Technical skills and competences Operator of First Aid (BLS) and in the ambulance (BLSD), certificate P.S.T.I.
 Practical technical skills of Scout Leader and Trainer (CFM).
 Certificate Rescue Water Diver (PADI)

Computer skills and competences Knowledge of Operative Systems: Windows xp, Windows Vista, Windows 7 Ultimate, Leopard 10.8, Debian(stable and instable), Ubuntu, Souse.

	Knowledge of Programming technical Language : C++,Java, Python (short). Knowledge of simulation software: Neuron, Matlab and Labview.
Artistic skills and competences	Electric and Classical Guitar
Driving licence(s)	B, A , Boat License
Additional information	International Experience: several English courses in the United Kingdom and Scotland; 6 months in France (Grenoble) for Erasmus Project

Publications

- Di Nardo W, Giannantonio S, Schinaia L, De Corso E, Paludetti G. (2012). Noninvasive Management of Cochlear Implant's Inner Magnet Displacement after Magnetic Resonance: A Case Report. *The Laryngoscope*. DOI: 10.1002/lary.23668.
- Di Nardo W, Anzivino R, Giannantonio S, Schinaia L, Paludetti G. (2013). The effects of cochlear implantation on quality of life in the elderly. *Eur Arch Otorhinolaryngol*. DOI 10.007/s00405-013-2396-1.
- Di Nardo W, Giannantonio S, Di Giuda D, De Corso E, Schinaia L, Paludetti G. (2013). Role of auditory brain function assessment by spect in cochlear implant side selection. *Acta Otolaryngologica Italica*. 33:00-00.
- Di Nardo W, Giannantonio S, Schinaia L, Anzivino R, Paludetti G. Adaptation of cochlear implant fitting to various telecommunication systems. *Acta Oto-Laryngologica*

To be published

- Di Nardo W, Schinaia L, Giannantonio S, Ciacciarelli A, Paludetti G. The oriented musical training for children with cochlear implants. *International Journal of Pediatric Otorhinolaryngology*
- Galli J, Pandolfini M, Schinaia L, Rigante M, Guidi M, Paludetti G.(2013). Quality of life after great auricular nerve sacrifice during parotidectomy: a literature review and our experience. *Head & Neck*

Contributions appeared on Proceedings of International Conferences

- M. Goffredo, S. Tricarico, L. Schinaia, M. Schmid, S. Conforto, T. D'Alessio. Active model of nerves in the upper limb under surface electrical stimulation. *Proceedings of the XVIII ISEK Congress, Aalborg, Denmark: June 16-19, 2010*

Conferences and meetings attended

- X National Congress on The clinical engineering in Italy: genesis, scenarios and perspectives, 11-13 March 2010 Rome, Italy
- International Symposium on Cochlear Implants: Surgery and outcomes compared, 3 December 2011 Milan, Italy
- International Meeting: Current status and future options for providing best benefit with hearing implants, 8-11 November 2012 Rome, Italy
- International Workshop on binaural hearing: benefits, indications, protocols and new technologies 11 October 2013 Bari, Italy