



Europass Curriculum Vitae

Personal information

Mori Tommaso

Working Experience

01/2022-10/2022

Research Fellow

Artificial Hands Area Lab, Biorobotics Institute,
Scuola Superiore Sant'Anna, Pontedera (PI), Italy

Education and training

10/2022-Current

Ph.D in Biorobotics

EQF level 8

Topic of the research considers the development of sensory feedback solution inspired by biological sensorimotor control strategies in wearable devices for rehabilitation after stroke and prosthesis.

09/2019–12/2021

Master of Science Degree in Bionics Engineering

EQF level 7

Covering Artificial limbs, Robotics, Machine Learning, Smart Materials.
University of Pisa, Scuola Superiore Sant'Anna, Pisa (Italy).
With the overall mark of 110/110 cum laude.

05/2021–12/2021

Master Thesis: Design and Development of a Wearable Device for Sensory-based Rehabilitation of the Upper Extremity
Performed at the Artificial Hands Area Lab of the Biorobotics Institute,
Scuola Superiore Sant'Anna, Pontedera (PI), Italy.

11/2021–4/2021

Lab Training: Optimization of a GUI for a Forearm Mockup to Simulate a Myokinetic Control Interface
Performed at the Artificial Hands Area Lab of the Biorobotics Institute,
Scuola Superiore Sant'Anna, Pontedera (PI), Italy.

09/2016–12/2019

I Level Degree in Biomedical Engineering

EQF level 6

Università di Pisa, Pisa (Italy)
With the overall mark of 110/110 cum laude.

05/2019–12/2019

I Level Degree Thesis: Inertial Sensors to Improve Optical Tracking Performances in Wearable Optical See-Through Devices for Medical Applications
Performed at Università di Pisa (Italy).

09/2011–07/2016

High School Diploma, Scientific Studies

EQF level 4

ITCS Filippo Pacini, Pistoia (Italy)
with the overall mark of 100/100

Publications

E. Vemdrame; L. Cappello; **T. Mori**; R. Baldi; M. Controzzi; C. Cipriani; "An Instrumented Glove for Restoring Sensorimotor Function of the Hand through Augmented Sensory Feedback". IEEE Transactions on Neural Systems & Rehabilitation Engineering. Submitted

Personal skills

Mother tongue(s) Italian

Other language(s)

Self-assessment

European level (*)

English**Spanish**

| Understanding | | Speaking | | Writing |
|---|---------|--------------------|-------------------|---------|
| Listening | Reading | Spoken interaction | Spoken production | |
| B2 | C1 | B2 | B2 | B2 |
| B2 Certification by CLI, Università di Pisa | | | | |
| B1 | B2 | B2 | B1 | B1 |
| B1 certification by Costa de Valencia, escuela de espanol, Valencia | | | | |

(*) [Common European Framework of Reference for Languages](#)

Social skills

- Public Talking and Communication skills with children and teenagers: experience as a volunteer local community educator

Organisational skills

- Leadership: worked as vice-president of a volunteering association
- Teamwork and Organisational skills: organized numerous beneficial events

Digital and Technological Skills

| Information Processing | Communication | Content Creation | Safety | Problem-solving |
|------------------------|------------------|------------------|------------------|-----------------|
| Proficient User | Independent User | Independent User | Independent User | Proficient User |

- Capable in the use of Microsoft Office Suite
- Known Programming Languages: C, C++, C#, Python, Matlab
- Experience in microcontroller and embedded programming.
- Capable of using LabView platform from National Instrument
- Knowledge of ROS and YARP, robot software platforms

Other skills

- First aid and AED certificates
- Music: I play cello in an amatorial symphonic orchestra
- Passionate novels and comics reader

Driving licence

B

Additional information

In accordance with the Italian Decree no. 196/2003 on Personal Data Protection.

Date 29/04/2024