



## Development of artificial hands: from the functional substitution to the human-robot collaboration

Seminar by Marco Controzzi - The BioRobotics Institute

### ABSTRACT

This seminar will cover a selection of research activities carried out by Marco Controzzi. His research interest concerns the design and development of advanced artificial hands to be used as thought-controlled prostheses and to be used as smart end-effectors for a new generation of robotic systems that will be able to cooperate and support humans in a wide range of activities.

### BIOSKETCH

Marco Controzzi received the M.Sc. degree in Mechanical Engineering from the University of Pisa, Italy, in 2008, and the Ph.D. in Biorobotics from the Scuola Superiore Sant'Anna, Pisa, Italy, in 2013. He is currently Assistant Professor at The BioRobotics Institute, Scuola Superiore Sant'Anna, Pisa, Italy.

He joined the ARTS-Lab of the Scuola Superiore Sant'Anna in 2006 as Research Assistant. Marco Controzzi is founder of a spin-off company of the Scuola Superiore Sant'Anna: Prensilia Srl.

### Ciclo di seminari

La ricerca negli Istituti di Ingegneria della Scuola Superiore Sant'Anna

*I seminari sono organizzati nell'ambito della programmazione didattica di Ingegneria '21/'22 a cura del prof. Cipriani*

### Data

Giovedì 19 maggio 2022

### Ora

18.00- 19.30

Diretta streaming sulla piattaforma WebEx e sul canale YouTube della Scuola Superiore Sant'Anna

