



## Ilaria Parodi

Nationality:



Date of birth: 18/08/1996

Gender:

✉ Email address: \_\_\_\_\_

📍 Address

### WORK EXPERIENCE

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#### Private tutor

[ 09/2015 – Current ]

City: Genoa

Country: Italy

I'm tutoring high school students in science, maths and physics

#### Master's thesis student

*CNR-ICMATE* [ 09/2020 – 03/2021 ]

City: Genoa

Country: Italy

Study on post-vitrectomy formation of silicone oil emulsions in a vitreous chamber model

### EDUCATION AND TRAINING

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#### Master's Degree in Bioengineering

*University of Genoa* [ 09/2018 – 03/2021 ]

Address: Genoa (Italy)

<https://unige.it/it/>

Field(s) of study: Rehabilitation Engineering and Biomaterials

Final grade : 110 cum laude

Thesis: Study on post-vitrectomy formation of silicone oil emulsions in a vitreous chamber model

#### Bachelor's Degree in Biomedical Engineering

*University of Genoa* [ 09/2015 – 09/2018 ]

Address: Genoa (Italy)

<https://unige.it/it/>

Final grade : 109

Thesis: Study on interactions between electromagnetic fields and biological tissues

## PROJECTS

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### **Biomechanical analysis of blocking in volleyball**

[ 06/2020 – 09/2020 ]

Analysis of the energy and power developed during the volley block through two different methods: dynamometric platform and motion capture

### **Investigation of the rheology and biomechanics of agar as a possible substitute for the vitreous body**

[ 11/2019 – 04/2020 ]

Study of the complex modulus of agar samples with different concentrations and development of a two-dimensional analytical model to describe in a simplified way the harmonic oscillations of the saccades

## HONOURS AND AWARDS

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### **Pretto Cassanello scholarship**

Pretto Cassanello foundation [ 23/01/2020 ]

One of the aims of the Pretto Cassanello foundation is to help, through the payment of scholarships, deserving students enrolled at the University of Genoa at the Faculties of Engineering, Architecture and Mathematical, Physical and Natural Sciences (for the latter limited to the Degree or University Diploma in Computer Science);

<https://www.prettocassanello.it/>

## LANGUAGE SKILLS

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Mother tongue(s):

**Italian**

Other language(s):

**English**

**LISTENING B2 READING B2 WRITING B2**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

## DIGITAL SKILLS

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Microsoft Windows and Office (and Open Office) / Linux / Ubuntu / C, C++ Language / MATLAB&Simulink