

Sergio Picella



Utrecht University, MSc Experimental Physics Student



12 October 1994, ITA,
Living in: Utrecht, Netherlands



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Website, LinkedIn, GitHub

Education

Utrecht University, MSc Experimental
Physics.

Università degli Studi "Aldo Moro",
Bari, Italy, BSc in Physics.

Skills

Programming languages: Python,
C(++), MatLab, R

Languages: Italian(L1), French(L2),
English(L2)

Softwares: \LaTeX , Root, Mathematica,
OrCAD PSPICE-Capture, Inkscape,
FreeCAD, Cura.

Extra-Curricular

**Italian Association of Physics
Students (AISF)**

**Emergency first aid & Protezione civile
volunteering**

Awards

- Winner in Talk Session at the
Biomedical Physics Lombard Event -
2018, Pavia, Italy.
- Winner in Poster Session at the
Italian Meeting of Student in Physics -
2018, Pisa, Italy.

Profile

Scientific interests

Data Analysis, Robotics, Complex systems, Condensed Matter
Physics, Optics, Machine learning, Experiment Design

Soft Skills

Group working, project & workflow management, project presenta-
tion and graphics, team building

Education

Feb '19- Master in:
Experimental Physics Utrecht University, Utrecht, Netherlands

'17- Master in Physics:
Solid state and Applied Physics curriculum University of Bari, Bari, Italy

'13-'17 Bachelor in Physics University of Bari, Bari, Italy

Projects

Jun'20-Mar'21 MSc Thesis AMOLF, Amsterdam, the *Soft Robotic Matter* group,
P.I.: dr.ir. Bas Overvelde
Distributed learning of emergent behaviour in 2D robotic matter.
Supervisors: Prof. dr. ir. Marjolein Dijkstra and dr. Laura Fillon.

Aug-Dec'17 Bachelor Thesis Università degli Studi "Aldo Moro", Bari, Italy,
P.I.: Prof. Gaetano Scamarcio
Electrolyte Gated Organic Field Effect Transistor: biosensing applications.

Extra-curricular

Italian Association of Physics Students

'19-'20 Vice-president of the Italian Association of Physics Students
Organization of national and international events, coordination of the
association (>1600 members)

'18-'20 National coordinator for the local committees for the Italian Associ-
ation of Physics Students

'17-'18 President of the Local Committee of Bari for the Italian Association of
Physics Students

Volunteering

'14-'17 Volunteer on ambulances Bari, Italy
First aid, team working, emergency management

Oct'16 2016 Central Italy earthquake Amatrice, Italy
Volunteer for Protezione Civile,
First aid, aid management, camp management

Outreach

'15-'19 European Researchers Night Bari, Italy
Coordinator for the outreach activities and volunteers