

Sergio Picella



Utrecht University, MSc Experimental Physics Student



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



sergiopicella@gmail.com



+39 3348747244



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.

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, Condensed Matter Physics, Electronics, Sensors, Op-
tics, Complex Systems, Machine learning

Soft Skills

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

Education

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

'17-'18 Master in Physics:
Condensed Matter curriculum University of Bari, Bari, Italy

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

Projects

Jun'20- MSc Thesis AMOLF, Amsterdam with the *Soft Robotic Matter* group,
P.I.: Dr. Bas Overvelde

Decentralized 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

Thesis in Condensed Matter

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 (>1400 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