



Paolo Maria Viceconte

Curriculum Vitae

Education

- Nov 2019– Present **PhD Program in Automatic Control, Bioengineering and Operations Research**, *Sapienza University of Rome*, Rome, Italy.
Curriculum: Automatic Control
Advisor: Prof. Giuseppe Oriolo
- Oct 2016– Oct 2019 **Master's Degree in Artificial Intelligence and Robotics**, *Sapienza University of Rome*, Rome, Italy, Graduation grade: 110/110 cum laude.
Thesis: Design and realization of a mutual localization module for multi-rover systems
Advisor: Prof. Giuseppe Oriolo
- Oct 2013– July 2016 **Bachelor's Degree in Computer and System Engineering**, *Sapienza University of Rome*, Rome, Italy, Graduation grade: 110/110 cum laude.
Thesis: Sonar Scanner - Una soluzione a buon mercato per il rilevamento di ostacoli da una base mobile
Advisor: Prof. Daniele Nardi
- Sept 2008– July 2013 **High School Scientific Diploma**, *Liceo Scientifico "De Lorenzo"*, Latronico (PZ), Italy, Graduation grade: 100/100 cum laude.

Experience

Vocational

- Nov 2019– Present **PhD Student at Dynamic Interaction Control Lab**, *Istituto Italiano di Tecnologia*, Genova, Italy.
Research topic: reinforcement learning applied to control of humanoid robots
Advisor: Daniele Pucci
- Apr 2019– Sept 2019 **Internship at Space Robotics Lab**, *Tohoku University*, Sendai, Japan.
Cooperative Laboratory Study (COLABS) Exchange Program - Final grade: AA (Excellent)
Awardee of the Japan Student Services Organization (JASSO) scholarship
Research topic: multi-rover localization
Advisor: Prof. Kazuya Yoshida
- Aug 2018 **Tohoku University Engineering Summer Program (TESP) 2018**, *Tohoku University*, Sendai, Japan.
Content: lectures on advanced robotics and hands-on activities

DIC Lab - Istituto Italiano di Tecnologia, Via S. Quirico 19D, 16163 Genova, Italy

☎ (+39) 348 0491882 • ☎ (+39) 010 2898254
✉ viceconte@diag.uniroma1.it or paolo.viceconte@iit.it

Volunteering

- Nov 2016– Present **Organizer of cultural events and performances**, *ARCI FrancaViva Association*, Francavilla in Sinni (PZ), Italy.
Main contribution: graphic design (posters of events, scenery of performances) and support to maintain contacts with bands, theatre companies, etc.
- 7th Mar 2019 **Collaboration to OpenDIAG 2019**, *Department of Computer Engineering, Automation and Management "Antonio Ruberti" (DIAG), Sapienza University of Rome*, Rome, Italy.
Demo: Vision-based corridor navigation using NAO humanoid
- 5th Mar 2018 **Educational robotics tutorial for high school students**, *Liceo Scientifico "De Lorenzo"*, Latronico (PZ), Italy.
Content: programming the mBot robot using Scratch
- 1st Mar 2018 **Collaboration to OpenDIAG 2018**, *Department of Computer Engineering, Automation and Management "Antonio Ruberti" (DIAG), Sapienza University of Rome*, Rome, Italy.
Demo: Vision-based corridor navigation using NAO humanoid

Personal Skills

- Languages Italian: Native
English: Level B2
- Social High attitude to collaborate with people coming from all over the world, due to the multi-cultural working environment experienced during my studies and my internships abroad
- Managerial Strong work organization skills acquired by collaborating with other students in several team projects
Basic business organization skills gained as founding member of the *Officina Mediterranea di Creatività, Network e Artigianato s.r.l.*, craft beer producer under the name of Honey Monkey Brewing Co.
- Other Driving Licence: B

Technical skills

- Operating Systems Windows, Linux
- Programming languages C, C++, Python, Java, MATLAB, Prolog, SQL, HTML
- Software applications ROS, V-REP
- Other tools Github, Latex, Powerpoint, Inkscape

Interests

- Professional Reinforcement learning, Robotics control, Humanoid robots, Multi-robot systems
- Personal Futsal, Swimming, Drawing, Travelling

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