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Interests

I am currently a *Ph.D.* at *Dyson Robotics Lab* and Teaching Assistant for the Robotics course at *Imperial College of London*. I am investigating machine learning aided visual perception for autonomous robotics exploration under the supervision of **Dr. Stefan Leutenegger** and **Prof. Andrew J. Davison**.

Education

2015 - now	Ph.D. at Dyson Robotics Lab under the supervision of Dr. Stefan Leutenegger and Prof. Andrew Davison , Department of Computing, Engineering Faculty, Imperial College of London
2012– 2015	M.Sc. in Artificial Intelligence and Robotics , Dipartimento di Ingegneria Informatica, Gestionale ed Automatica, Sapienza University of Rome. Final grading 110/110 cum laude.
Thesis:	<i>Cooperative Control of a Heterogeneous Multi-Robot System: experimental results</i> [1]. Advisor Prof. G. Oriolo
2008–2011	B.Sc. in Computer Engineering , Università Degli Studi Roma Tre.

Summer Schools

2016	ICVSS: Internation Computer Vision Summer School, Sicily, Italy.
2013	TESP: Tohoku Engineering Summer School, Sendai, Japan.

Technical Skills

Programming languages and libraries (selected):

C++, Python, OpenCv, OpenGL, OMPL.

Languages:

Italian (mother tongue), English (professional working proficiency).

Referees

- **Prof. Andrew J. Davison**, Professor at Department of Computing, Faculty of Engineering, Imperial College of London.
Contacts: ajd@doc.ic.ac.uk (+44 20 7594 8316).
- **Dr. Stefan Leutenegger**, Lecturer at Department of Computing, Faculty of Engineering, Imperial College of London.
Contacts: s.leutenegger@imperial.ac.uk (+44 20 7594 7123).

References

- [1] L. Rosa, M. Cagnetti, **A. Nicaastro**, P. Alvarez and G. Oriolo. *Multi-task Cooperative Control in a Heterogeneous Ground-Air Robot Group*. 2015 3RD IFAC Workshop on Multivehicle Systems (MVS 2015), Genova, Italy, May 2015