

PERSONAL INFORMATION

Daniele Di Vito



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✉ daniele.gp90@gmail.com

Sex Male | Date of birth 01/12/1990 | Nationality Italian

WORK EXPERIENCE

Nov. 2016 - ongoing

Ph.D. student

University of Cassino and Southern Lazio (Cassino, Italy)

- Robotics: Task-priority kinematic control techniques for redundant manipulators
- Team member for the European Project DexROV and ROBUST

Dec. 2015 - Oct. 2016

Scholarship

University of Cassino and Southern Lazio (Cassino, Italy)

- Robotics: Task-priority kinematic control techniques for redundant manipulators

EDUCATION AND TRAINING

Nov. 2013 - Dec. 2015

Master's degree in Computer Engineering

University of Cassino and Southern Lazio (Cassino, Italy), course of study in

- Computer Engineering
- Electrical Engineering
- Control Engineering
- Robotics

Sept. 2009 - Nov. 2013

Bachelor's degree in Computer and Telecommunication Engineering

University of Cassino and Southern Lazio (Cassino, Italy), course of study in

- Computer Engineering
- Electrical Engineering
- Control Engineering
- Telecommunications

Sept. 2004 - Jul. 2009

High School Diploma

Science High School "Leonardo Da Vinci" (Sora, Italy)

- Maths
- Physics
- Chemistry
- Biology
- Italian, Latin, English language and literature

PERSONAL SKILLS

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B2	B2	B2	B1
Replace with name of language certificate. Enter level if known.					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- good communication skills gained:
 - through my experience in two European Projects as member of the team aimed at developing of an underwater autonomous system, with the need to act together the other partners;
 - participating to the world conference ICRA'16 in Stockholm and ICRA'17 in Singapore.

Organisational skills

- good organisational skills gained through the interoperability with teams from other European countries (frequent physical meetings are also required).

Computer skills

- High experience with office suites;
- Programming languages: C/C++, Java/Java Android, PHP, Javascript, PLC in ladder diagram and sequenzial function chart, Matlab and Labview coding;
- C++ development on Linux.
- Good experience with ROS (Robot Operating System)
- Good experience in ROS Gazebo and V-REP simulators with the Bullet and ODE physics engines;
- Knowledge of path planning algorithms and reasonable level of experience with them.

Driving license

- A
- B

ADDITIONAL INFORMATION

Publications

- Daniele Di Vito, Ciro Natale, Gianluca Antonelli. "A Comparison of Damped Least Squares Algorithms for Inverse Kinematics of Robot Manipulators", in *IFAC 2017 World Congress, Toulouse, France, 2017*.
- Filippo Arrichiello, Paolo Di Lillo, Daniele Di Vito, Gianluca Antonelli, Stefano Chiaverini, "Assistive robot operated via P300-based brain computer interface", in *ICRA '17- International Conference on Robotics and Automation, 2017*.
- Daniele Di Vito, Gianluca Antonelli, "The effect of the ocean current in the thrusters closed-loop performance for underwater intervention" in *OCEANS 17 Anchorage, 2017*

Projects (ongoing)

- European Projects funded from the European Union's Horizon 2020 research and innovation programme:
 - DexROV
 - ROBUST

Conferences

- Attended conferences:
 - ICRA 2016, Stockholm;
 - ICRA 2017, Singapore.

Memberships

- IEEE Membership