

Davide Valeriani

Date of birth	13/06/1988
Nationality	Italian
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Education

2013 – today	PhD in Computing and Electronic Systems, University of Essex, UK.
2010 – 2013	Laurea Magistrale (MSc) in Computer Engineering (<i>cum laude</i>), Università di Parma, Italy.
2007 – 2010	Laurea (BSc) in Computer Engineering (<i>cum laude</i>), Università di Parma, Italy.

Teaching Experience

2014 – today	Graduate Laboratory Assistant (GLA) <i>Department of Mathematical Sciences, University of Essex, UK</i> Holding lab activities and marking coursework assignments in the module Applied Mathematics (MA105).
2013 – today	Graduate Laboratory Assistant (GLA) <i>School of Computer Science and Electronic Engineering, University of Essex, UK</i> Holding lab activities and marking coursework assignments in the following modules: <ul style="list-style-type: none">– CE101, Professional Development– CE151, Introduction to Programming– CE204, Data Structures and Algorithms– CE320, Large Scale Software Systems and Extreme Programming– CE881, Mobile & Social Applications Programming
2012 – 2012	Laboratory Assistant <i>Department of Information Engineering, Università di Parma, Italy</i> Holding lab activities and marking coursework assignments in the following modules: <ul style="list-style-type: none">– Computer Architectures– C++ Programming

Certifications

May 2014	Associate Fellow of Higher Education Academy, UK
Oct 2013	Qualification to practice the profession of Engineer, Italy

Administration

2015 – today	Program Committee Co-Chair of the 7 th Computer Science and Electronic Engineering Conference (CEEC'15).
2014 – today	Postgraduate Research Students' Representative in the Faculty Education Committee, Faculty of Science and Health, University of Essex, UK.
2013 – today	Research Students and GLA/GTAs representative, School of Computer Science and Electronic Engineering, University of Essex, UK.
2013 – today	Member of the Student Conduct Panel, University of Essex, UK.
2012 – 2013	Student Representative in the Senate, Students' Council, Department of Information Engineering Council, Computer Engineering Council and Evaluation Committee, Università di Parma, Italy.
2009 – 2012	Student Representative in the Computer Engineering Council and Evaluation Committee, Università di Parma, Italy.

Publications

2015	Davide Valeriani, Riccardo Poli, and Caterina Cinel. A Collaborative Brain-Computer Interface for Improving Group Detection of Visual Targets in Complex Natural Environments. In <i>7th International IEEE EMBS Neural Engineering Conference</i> , 2015
2015	Davide Valeriani, Riccardo Poli, and Caterina Cinel. A Collaborative Brain-Computer Interface to Improve Human Performance in a Visual Search Task. In <i>7th International IEEE EMBS Neural Engineering Conference</i> , 2015
2014	Riccardo Poli, Davide Valeriani, and Caterina Cinel. Collaborative Brain-Computer Interface for Aiding Decision-Making. <i>PLoS ONE</i> , 9(7), July 2014
2014	Marco Cigolini, Alessandro Costalunga, Federico Parisi, Marco Patander, Isabella Salsi, Andrea Signifredi, Davide Valeriani, Dario Lodi Rizzini, and Stefano Caselli. Lessons Learned in a Ball Fetch-And-Carry Robotic Competition. <i>Journal of Automation, Mobile Robotics & Intelligent Systems</i> , 8, 2014
2013	Davide Valeriani, Dario Lodi Rizzini, Fabio Oleari, and Stefano Caselli. A Viewpoint Planning and Navigation Algorithm for Mobile Robots using Depth Images. In <i>Australasian Conference on Robotics and Automation (ACRA2013)</i> , Sydney, 2013
2013	Pablo Mesejo, Stefano Cagnoni, Alessandro Costalunga, and Davide Valeriani. Segmentation of histological images using a metaheuristic-based level set approach. In <i>Proceeding of the fifteenth annual conference companion on Genetic and evolutionary computation conference companion - GECCO '13 Companion</i> , page 1455, Amsterdam, The Netherlands, July 2013. ACM Press
2013	Marco Cigolini, Alessandro Costalunga, Federico Parisi, Marco Patander, Isabella Salsi, Andrea Signifredi, Davide Valeriani, Dario Lodi Rizzini, and Stefano Caselli. Lessons Learned in a Ball Fetch-And-Carry Robotic Competition. In <i>IV International Conference on Robotics in Education</i> , Lodz, 2013

Languages

Italian (native), English (fluent), French (basic)

Programming Languages

Python, C++, Java, Pascal, Delphi, PHP5, HTML5, CSS3