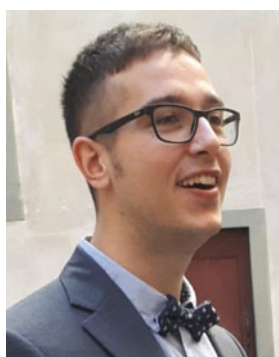


Appendix

Author's Biography



Dr. Francesco Fanelli is currently working as a Software Engineer at the National Oceanography Centre (NOC), Southampton, United Kingdom, within the Marine Autonomous and Robotic Systems (MARS) group. Prior to his current role, Francesco spent the past four years at the University of Florence, as a Ph.D. student first, and then as a Postdoctoral Researcher, conducting his research activity within the Mechatronics and Dynamic Modeling Laboratory (MDM Lab) of the Department of Industrial Engineering of the University of Florence (DIEF), led by Prof. Benedetto Allotta. During his research activity he worked in the

field of underwater robotics, with special attention given to the development and the field testing of navigation strategies for Autonomous Underwater Vehicles (AUVs). This book collects the main outcomes of his activity, which resulted in multiple publications in international journals and conference papers, and in the awarding of his Ph.D. degree in Industrial and Reliability Engineering in April 2018. His current interests and activity focus on the development of software for AUVs.