

PROF. Davide BRUGALI

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Prof. Davide Brugali graduated in Electronic Engineering at Politecnico di Milano in 1994; he received the PhD in Computer Science from Politecnico di Torino in 1998. From 2001 until 2011 he has been Assistant Professor at University of Bergamo. Since 2011 he is Associate Professor at the Department of Engineering of the University of Bergamo.

He is the coordinator of the Robotics Laboratory of the University of Bergamo. He has been visiting researcher at the CMU Robotics Institute between year 1997 and 1998 and visiting professor at NASA Jet Propulsion Laboratory in year 2006. From 2000 to 2019 he has served as Co-Chair of the IEEE RAS Technical Committee on "Software Engineering for Robotics and Automation" and from 2009 to 2018 he has been Editor-in-Chief of the Journal of Software Engineering for Robotics. He is main author of the book "Software Development - Case Studies in Java" published by Addison-Wesley in 2005.

His research activity mainly focuses on software development techniques and methodologies for the construction of robotic systems. In the Software Engineering area, he's investigating the effectiveness of software reuse techniques such as Object-Oriented Frameworks, Middlewares, Design Patterns, Model-Driven Engineering, and Component-based Engineering. In the Robotics area, he's involved in research projects related to navigation systems for mobile robots.

Primary Areas of competence: Software Engineering in Robotics, Mobile Robots, Robot Control Architectures. Secondary Areas of competence: Embedded systems, Factory Automation, Industrial Robots.