Università di Genova

Luca Bruzzone

Associate Professor

EDUCATION AND TRAINING

1997
Laurea Degree in Mechanical Engineering
110/110 cum laude
University of Genoa

PROFESSIONAL HISTORY

1999 - 2017
Researcher
University of Genoa

2017 – today
Associate Professor
University of Genoa

ACADEMIC APPOINTMENTS

2019 - 2025
Coordinator of the Bachelor's Degree in Mechanical Engineering, Automation and Mechatronics curriculum
La Spezia
University of Genoa

2025 – IN CORSO
Coordinator of the Bachelor's Degree in Mechanical Engineering for Automation
La Spezia
University of Genoa

EXPERIENCE

MAIN SEMINARS

2007 Conference Chair 26th IASTED International Conference on Modelling, Identification and Control (MIC 2007)
February 12-14, 2007, Innsbruck, Austria

2008 Conference Chair 27th IASTED International Conference on Modelling, Identification and Control (MIC 2007)
February 11-13, 2008, Innsbruck, Austria

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SCIENTIFIC RESPONSIBILITY FOR RESEARCH PROJECTS ACCEPTED FOR FUNDING ON THE BASIS OF COMPETITIVE CALLS INVOLVING PEER REVIEW

2005 Scientific Coordinator of the Research Unit of Genoa for "Programma di Ricerca Scientifica di Rilevante Interesse Nazionale" (PRIN 2005)
"Mini-robotic systems for advanced technological applications"

2012 Scientific Coordinator of the Research Contract between DIME Department of the University of Genoa and Alioto Group S.r.l.
"Autogrom – design and implementation of an innovative production cycle for grommets"

EDITORSHIP OR PARTICIPATION IN EDITORIAL BOARDS OF JOURNALS, PUBLISHING SERIES, ENCYCLOPAEDIAS AND TREATISES

2014 – today member of the Editorial Advisory Board of "Industrial Robot" (Emerald Journals)

2023 – today member of the Editorial Board of Discover Mechanical Engineering (Springer Nature)

2024 – today member of the Editorial Board of Machines (MDPI)

2025 – today member of the Editorial Board of the Journal of Marine Science and Engineering (MDPI)

2025 – today member of the Editorial Board of the Journal of Climbing and Walking Robots (Bon View Press)

PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES

2025 Gold Best Research Paper Award I4SDG 2025, 3rd International Conference of IFToMM for Sustainable Development Goals
June 9-12, Villa San Giovanni, Italy.

2024 Research Paper Certificate of Merit EuCoMeS 2024, 9th European Conference on Mechanism Science
September 18-20, 2024, Padova, Italy.

2023 Bronze Best Research Paper Award I4SDG 2023, IFToMM for Sustainable Development Goals
June 22-23, 2023, Bilbao, Spain.

2021 Gold Best Research Paper Award I4SDG 2021, IFToMM for Sustainable Development Goals
November 25-26, 2021.

2016 Best Paper Award IFIT 2016, First International Conference of IFToMM Italy
December 1-2, 2016, Vicenza, Italy.

2014 Best Paper Award in Robotic Systems 10th IEEE/ASME International Conference on Mechatronic and Embedded Systems and Applications
September 10-12, 2014, Senigallia, Ancona, Italy.

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2011 Emerald Literati Network Highly Commended Award 2011 for the publication: L. Bruzzone, G. Bozzini, “A flexible joints microassembly robot with metamorphic gripper,” Assembly Automation, Vol. 30, No. 3, 2010, pp. 240-247.

2009 Emerald Literati Network Highly Commended Award 2009 for the publication: G. Acaccia, L. Bruzzone, R. Razzoli, “A modular robotic system for industrial applications”, Assembly Automation, Vol. 28, No. 2, 2008, pp. 151-162.

PARTICIPATION IN THE CREATION OF NEW BUSINESS ENTITIES (SPIN-OFFS), DEVELOPMENT, USE AND COMMERCIALISATION OF ACADEMIC PATENTS

2000 Industrial patent n° 01314545
“Robot parallelo traslazionale azionato da motori rotanti per applicazioni industriali richiedenti il controllo della forza esercitata”; inventor: Luca Bruzzone.

2005 Industrial patent n° 01358951
“Manipolatore robotico cartesiano a giunti flessibili per l’automazione di operazioni su parti di piccole dimensioni”; inventors: Luca Bruzzone e Matteo Zoppi.