

BIOSKETCH

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Eugenio Guglielmelli, Professor of Bioengineering, is Rector of *Università Campus Bio-Medico di Roma (Italy)* since 2022, and still Prorector for Research since 2013. Until 2004, he was Professor at the *Sant'Anna School of Advanced Studies (Pisa, Italy)*, where he also served as co-founder and Coordinator of the Advanced Robotics Technology & Systems Laboratory (ARTS Lab).

His main research interests are in the fields of human-centred robotics, biomechatronic design and biomorphic control of robotic systems and intelligent machines, and in their application to healthcare, personal assistance for independent living, wellness and human safety at work.

He is the author of over 500 scientific publications, co-inventor of 7 patents and co-founder of 4 start-up companies, in the field of biomedical technologies. He has been principal investigator\partner of several national, European and international projects in the area of biomedical robotics, rehabilitation engineering and bionic prosthetics. He has pioneered in Italy and Europe the development of rehabilitation and assistive robotics, of neuro-robotics, and neurodevelopmental engineering.

He is Senior Member of the IEEE Robotics & Automation Society (IEEE-RAS), where he served as Vice-President for Publication Activities, as Editor-in-Chief of the IEEE Robotics and Automation Magazine (RAM), as Emeritus Chair and Founder of the IEEE-RAS Technical Committee on Rehabilitation and Assistive Robotics, and in 2019 received the IEEE-RAS Distinguished Service Award.

He is the founder and still Editor-in-Chief of the Springer Series on Biosystems and Biorobotics.

In 2014-2020, he has been appointed by the Italian Ministry of University and Research as the Italian Delegate for the European FET Flagships projects, and, since 2021, as the National Representative for the Horizon Europe Programme Committee - Cluster Health and for the Mission Cancer.

In 2021-2023 he served as the Scientific Director of the Irccs Fondazione Don Carlo Gnocchi Onlus, the main Italian research hospital on advanced rehabilitation.

In 2024, for outstanding contribution to the translation of biomedical engineering technology and science, particularly assistive robotics, into rehabilitation clinical practice and for the sustained promotion of bioengineering in the European agenda, he has been appointed Fellow of the European Alliance for Medical Biological Engineering & Science (EAMBES).

He is member of the Italian Scientists Association (ISA) and also founding member of the Italian Academy of Engineering and Technology (ITATEC).