



Giancarlo Ferrigno

received his **MSc** degree in Electronic Engineering in 1983 and his **PhD** degree in Bioengineering in 1990 from the Politecnico di Milano where he teaches 'Medical Instrumentation' and 'Medical Robotics and Technologies for Surgery - Lab' for the Bachelor and the MSc in biomedical engineering respectively.

From 1983 to 1990 was employed as permanent staff researcher at Fondazione pro Juventute Don Gnocchi in Milano.

Since 1990 he joined the Politecnico di Milano as an Assistant Professor, Associate professor in 1998.

Former director of the Politecnico di Milano Doctoral School (2004-2006) and director of the Bioengineering Department (2007-2009), since 2001 he is Full Professor and is author of more than 100 full papers on international Scientific journals and 16 patents in the biomedical field.

He is vice-chair of the Bioengineering section of Department of Electronics, Information and Bioengineering (DEIB) and funder and coordinator of the Neuroengineering and Medical Robotics Laboratory (NearLab - www.nearlab.polimi.it).

The Neuroengineering and medical robotics Laboratory is part of the Department of Electronics, Information and Bioengineering of Politecnico di Milano and includes two sections, one which deals with the neural engineering and one which works in the field of medical robotics. The Neuroengineering Section aims at developing topics in neuroengineering as biomimetic neuroprostheses, bioartificial interfaces, motor control modelling. The Medical Robotics Section is mainly devoted to biomechanics and computer assisted and robotic surgery.

He has been PI of several projects funded by Italian Space Agency, Italian Institute of Technology, industrial partners in the biomedical field and coordinated three EU funded projects in the 7th FP: Robocast (strep), Mundus (strep) and Active (IP).

He is serving as ISO expert in the ISO-IEC TC184SC2 Joint Working Group JWG9 on Medical devices using robotic technologies.

Recent papers

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