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Mario Guagliano is Professor in Machine Design.

MSc in Mechanical Engineering at Politecnico di Milano (1988), Assistant Professor (1991-2001) and Associate Professor (2001-2016) at the Dept. Mechanical Engineering, Politecnico di Milano.

His main scientific interests are innovative methods for mechanical design and kinetic treatments and coating techniques for surface functionalization and for superior properties.

He is author of more than 150 papers published on indexed journals and conference proceedings about these subjects (h-factor=37, Scopus database).

Responsible of several contractual researches with private and public enterprises and of research projects funded by regional and national public organizations.

Coordinator of projects funded by the European Commission, such as “Cold Spray Radical Solutions for Aeronautic Improved Repairs” (CORSAIR, FP7) and “Advanced Design of High Entropy Alloys Based Materials for Space Propulsion” (ATLAS, H2020).

Chairman of about 10 international and a number of national scientific conferences, as well as member of the Scientific Committee and invited speaker in more than 20 international conferences. Visiting Professor and invited speaker for seminars at many international universities, such a University of Brno (CK), University of Waterloo (CA), Shanghai Jiao Tong University (China).

Since 2017 Associate Editor of the International Journal of Mechanics and Materials in Design (Springer) and Member of the Clean Sky Academy.

Member of the Editorial Board of scientific international journals such as Surface and Coatings Technology and Journal of Structural Integrity and referee of many international scientific journals and evaluator of international and national research proposals. He has been supervisor of more than 10 PhD Theses.

He has been awarded Doctor Honoris Causa by the University of Zilina (SK), (2017).

Since 2010 he is member of the Board of Directors of the European Aeronautic Science Network (EASN) as Treasurer.