

25.10.2002 **BSc in Materials Engineering** at the Department of Engineering, University of Ferrara, grade 106/110, defending the thesis entitled: *Measurement of the stress intensity factor in a ceramic material for biomedical applications*;

21.10.2004 **MSc in Materials Engineering (Structural curriculum)** at the Department of Engineering, University of Ferrara, grade 110/110 cum laude, defending the thesis entitled: *Reliability assessment of a silicon-carbide tubular component to be used in a high-temperature ceramic heat exchanger*;

2005-2008 Attended the 20th cycle of the **PhD programme in Applied Mechanics at the University of Bologna**;

2005 Winner of the **Masi-Carducci graduation award**, at the Department of Mechanical, Nuclear and Aeronautical Engineering and Metallurgy (DIEM), granted to graduates whose thesis is of significant interest in the field of Applied Mechanics;

2006 From January to July, held a **Marie Curie contract** at the Institute of Sound and Vibration Research (ISVR), University of Southampton (UK), within the FP6 project European Doctorate in Sound and Vibration (EDSVS), under the supervision of Prof. N. S. Ferguson and Prof. P. Gardonio;

17.04.2008 **PhD in Applied Mechanics** (20th cycle) at the University of Bologna, Department of Mechanical, Nuclear and Aeronautical Engineering and Metallurgy (DIEM), defending the thesis entitled: *Fault detection in rotating machines by vibration signal processing techniques*;

2008-2018 **Research Fellow at the Department of Engineering, University of Ferrara, specifically from 01.01.2008 to 30.06.2010 and from 01.09.2010 to 28.02.2018**;

October 2009 **Assistant Research Engineer** under the supervision of Prof. J. Antoni at the Université de Technologie de Compiègne (FR) for one month;

December 2010 **Assistant Research Engineer** under the supervision of Prof. J. Antoni at the Université de Technologie de Compiègne (FR) for one month;

2010-2011 **Delegate of research fellows** at the Department of Engineering, University of Ferrara;

2010-present Reviewer for papers submitted to international conferences (IFAC, CMMNO) and international journals (Mechanical Systems and Signal Processing, Journal of Sound and Vibration, Meccanica, Shock and Vibration, Journal of Vibration and Acoustics, Energies);

- 2013 **Member of the organising committee** of the international conference “The 3rd International Conference on Condition Monitoring of Machinery in Non-Stationary Operations (CMMNO 2013)”, Ferrara, 8–10 May 2013.
- 2016-30.11.2020 Member of the Mechanical Engineering graduation committees at the University of Ferrara.
- 01.03.2018-30.11.2020 **Fixed-term Researcher (full-time, art. 24(3)(a) of Law 240/2010)**, in the scientific disciplinary sector ING-IND/13 – Applied Mechanics and Dynamics of Machines, competition sector 09/A2 – Applied Mechanics and Dynamics of Machines, as winner of the selection held on 23/01/2018, project title “Innovative methodologies for numerical–experimental vibration analysis of mechanical systems, aimed at diagnostics and optimisation of dynamic behaviour”, at the Department of Engineering, University of Ferrara, under the responsibility of Prof. Giorgio Dalpiaz.
- 16.01.2021-15.01.2022 **Research Fellow** at the “Enzo Ferrari” Department of Engineering, University of Modena and Reggio Emilia.
- 06/11/2018 **Awarded the Italian National Scientific Qualification (ASN)** for Associate Professor (Seconda Fascia) in competition sector 09/A2 – Applied Mechanics and Dynamics of Machines;
- January 2020 Reviewer of the PhD thesis for the Doctoral School in Industrial Innovation Engineering, University of Modena and Reggio Emilia, candidate Jacopo Cavalaglio Camargo Molano.
- 2018-present **Supervisor and co-supervisor of 4 PhD students.**
- 2020 **Guest Editor** for the Special Issue “*Vibration Measurement and Diagnostics*”, Applied Sciences; 2019 Impact Factor (WoS) 2.474 (Q2 in “Applied Physics”, “Chemistry, Multidisciplinary” and “Engineering, Multidisciplinary”).
- 2020 **Winner of the Journal of Sound and Vibration Doak Prize**, with the paper: *Blind deconvolution based on cyclostationarity maximization and its application to fault identification*
- 2021 **Member of the Editorial Board** of the journal Journal of Dynamics, Monitoring and Diagnostics
- 2022 **Co-founder** of an Innovative Startup – MechVib Engineering S.r.l.
- 17/06/2024 **Awarded the Italian National Scientific Qualification (ASN)** for Full Professor (Prima Fascia) in competition sector 09/A2 – Applied Mechanics and Dynamics of Machines;

- 28.10.2022-28.10.2025 **Fixed-term University Researcher (full-time, art. 24(3)(b) of Law 240/2010)**, in the scientific disciplinary sector ING-IND/13 – Applied Mechanics and Dynamics of Machines, competition sector 09/A2, at the Department of Engineering Sciences and Methods, University of Modena and Reggio Emilia (UNIMORE).
- 29.10.2025-present **Associate Professor**, scientific disciplinary sector IND-02/A – Applied Mechanics and Dynamics of Machines, Department of Engineering Sciences and Methods, University of Modena and Reggio Emilia (UNIMORE).

Reggio Emilia, 02/03/2026

A handwritten signature in black ink, appearing to be 'G. ...', written over a faint, illegible stamp or background.