



CURRICULUM VITAE



Giovanni Meneghetti

Full Professor of Machine Design

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- PhD title in Machine Design at the University of Padova. The final dissertation was entitled *Fatigue design of welded structures by means of local approaches*.
- Assistant Professor at the Department of Mechanical Engineering of the University of Padova from 2002 until 2010.
- Associate Professor in Machine Design at the Department of Industrial Engineering of the University of Padova since December 2010.
- Full Professor in Machine Design at the Department of Industrial Engineering of the University of Padova since October 2017.
- Author of about 200 scientific publications, 77 of which published in International Journals with impact factor. He received 1280 citations and the h-index is 19 (data from Scopus).
- International Scientific Awards:
 - a. Best paper published in 2003 from the Editorial Board of the Journal **Fatigue & Fracture of Engineering Materials & Structures**.
 - b. Best technical paper of the World Foundry Congress, Monterrey Mexico, WFC 2012.
 - c. Most cited paper award in 2017 from the Editorial Board of the Journal **Fatigue & Fracture of Engineering Materials & Structures**



(G. Meneghetti, C. Guzzella, B. Atzori, *The peak stress method combined with 3D finite element models for fatigue assessment of toe and root cracking in steel welded joints subjected to axial or bending loading*, Fatigue and Fracture of Engineering Materials and Structures, 37, 2014,)

- Top Reviewer Award in 2012, 2013, 2014 for Fatigue and Fracture of Engineering Materials and Structures
- *Expert Member* of Commission XIII (Fatigue Behaviour of Welded Components and Structures)-Working Group 3 (Stress Analysis) of the International Institute of Welding since 2008.
- Presently, he is teaching the following Courses:
 - a. *Machine Design 1* (9 Credits/72 teaching hours, B.Sc. Degree in Mechanical Engineering and M. Sc. Degree in Materials Engineering, approximately 240 participating students)
 - b. *Machine Design 2* (9 Credits/72 teaching hours, M.Sc. Degree in Mechanical Engineering, approximately 120 participating students)
 - c. *Design and Analysis of Mechanical Systems* (9 Credits/72 teaching hours, M.Sc. Degree in Mechanical Engineering, approximately 50 participating students)
- Best Teaching Award since 2011 in the B.Sc. Degree in Mechanical Engineering at Department of Industrial Engineering.
- Best teaching award in 2016 in the Master Degree in Mechanical Engineering at Department of Industrial Engineering.
- His research fields deal with the development of local approaches for structural durability analysis of welded components and structures, fatigue design of structures in metallic materials, experimental analysis of strains, in-field load data acquisition, development of design methodologies for structural integrity and fatigue behaviour of bonded joints in composite materials.