

Filippo Berto



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HIGHER EDUCATION

2007: Ph.D. in Mechanical Engineering and Structural Design, Department of Mechanical Engineering, University of Firenze, Italy. Supervisors Prof. Dario Croccolo and Prof. Paolo Lazzarin (evaluation: Outstanding)

2003: 5 years Master Degree in Industrial Engineering, University of Padova (Italy) (110/110 cum laude)

CURRENT POSITION

Since 1 Oct 2016: Full Professor and International Renowned Chair of Fracture Mechanics Fatigue and Structural Integrity, Department of Industrial and Mechanical Engineering, Norwegian University of Science and Technology. Founder, coordinator, manager and chair of the Structural Integrity Laboratory at MTP, NTNU.

PREVIOUS POSITION

Apr 2016 - Sep 2016: International Chair, Top research program NTNU, Department of Industrial and Mechanical Engineering

Jan 2016 – Mar 2016: Visiting Professor at NTNU in the top researchers and scientists program developed by NTNU

Oct 2014 - Dec 2015 :Associate Professor of Structural Integrity and Machine Design, Department of Management and Engineering, University of Padova (Italy)

Nov 2006 - Sept 2014 :Assistant Professor and Lecturer of Structural Integrity and Machine Design, Department of Management and Engineering, University of Padova (Italy)

Jan 2004 - Dec 2006: Aggregate Professor of Mechanical Engineering during the PhD, Department of Management and Engineering, University of Padova (Italy)

Apr 2003 – Dec 2003: Research Assistant, Department of Management and Engineering, University of Padova (Italy)

FELLOWSHIPS

Jan 2019-ongoing: Adjunct Honorary Chair of Mechanics of Materials at the Mandela University, South Africa

Jan 2018 - Dec 2018: Timoshenko Fellowship, Department of Mechanical Engineering, Stanford University

Apr 2017 - ongoing: Adjunct Distinguished Full Professor and Chair in the Department of Industrial and Systems Engineering, PolyU, Hong Kong (honorary position)

Jan 2017 – ongoing: Adjunct Professor and Chair, Department of Mechanical Engineering, Aalto University, Finland (honorary position)

COMMISSIONS OF TRUST

2018-ongoing: Founder and Editor in Chief of *Material Design and Processing Communication* published by Wiley

2018-ongoing: Delegate of ESIS president for international relationship with ASTM and ASME

2017-ongoing: Editor in Chief of *Applied Sciences* (Section Mechanical Engineering)

2016-ongoing: European Chair of Technical Committee 15 on Additive Materials (*ES/S*) and organizer of the first European conference on Additive Materials (September 2019)

2016-ongoing: Voting Member of ASTM F42 on Additive Materials and organizer of different events for ASTM.

2016-ongoing Founder and responsible of the structural integrity group at the Department of Mechanical and Industrial Engineering (NTNU)

2014-ongoing: European Editor of *Fatigue and Fracture of Engineering Materials and Structures* published by Wiley (youngest editor of the history of the journal)

2012-ongoing: Editorial board of *Materials Science Engineering A, Materials and Design, International Journal of Fatigue, Theoretical and Applied Fracture Mechanics*, published by Elsevier, *Journal of Testing and Evaluation* by ASTM

2004-ongoing: Reviewer of papers in the main journals in the field of materials science and mechanical engineering and Structural Integrity.

2006-2018: Examiner of 18 PhD thesis (14 as internal examiner, 4 as external examiner at University of Oxford, Sheffield, Trento, Torino).

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