



Filippo Berto is Chair of Mechanics of Materials at La Sapienza University of Rome, Department of Chemical Engineering, Materials and Environment.

He received the Phd from University of Florence in 2006 and the master degree in Industrial Engineering from University of Padua in 2003.

He has been international chair in fracture mechanics, fatigue, and structural integrity at the Norwegian University of Science and Technology of Trondheim, Norway, since beginning of 2015 to September 2022 where he was the founder of the mechanical laboratory for testing materials that was built receiving financial support from different sources (internal funding, infrastructure funding asked to Research Council of Norway).

He was professor of machine design at the University of Padua, Italy, between 2006 and 2015.

He is chairman of the technical committee ESIS TC15 on Structural Integrity of additive manufactured components of European Structural Integrity Society.

Filippo Berto received several awards and distinctions, such as Award of Merit (2018) and Wohler medal (2020) from the European Structural Integrity Society. He has received the Stephen Timoshenko Fellow (2018) given by University of Stanford (USA). He is editor-in-chief or Editor of several scientific journals, such as, Fatigue and Fracture of Engineering Materials and Structures. In addition, he belongs to the editorial board of several leading scientific journals in the area of fatigue, fracture and structural integrity.

Filippo Berto is also voting member of ASTM F42 on Additive Manufacturing Technologies and ASTM E08 on Metal Fatigue and Fracture. He is collaborating with the Centre of Excellence of additive manufacturing established in Auburn.

As technical Chair of TC15 is also the founder of the series of European conferences on additive manufacturing ESIAM (www.esiam.site). In 2020 he has been one of the founders of TC18 of ESIS dedicated to the structural integrity of welded structures. Filippo Berto has a major role in the Italian Group of Fracture being president since 2021 and co-editor in chief of the associated journal. He is also vice-president of the European Society of Structural Integrity since June 2022.

He is also holding some honorary chair professorship at Hong Kong Polytechnic University (Hong Kong) and Mandela Metropolitan University (South Africa). In 2021, Filippo Berto was awarded with the Distinguished Changjiang Chair Professor at Xi'an Jiaotong University through the Changjiang Scholars Program. He has

been collaborating with CERN until the end of 2022 for testing and characterizing materials for The Large Hadron Collider (LHC).

Filippo Berto was an adjunct professor at the prestigious Erich Schmid Institute of Materials Science, Austrian Academy of Sciences, Leoben. He has been an adjunct professor at SUPSI University in Switzerland.

Until the beginning of 2023 Berto has educated more than 20 PhDs students and more than 200 master students.