

# **Professor Alberto Carpinteri**

## **Curriculum Vitae (Short)**

Carpinteri received Alberto his Doctoral Degrees in Nuclear Engineering cum Laude (1976) and in Mathematics cum Laude (1981) from the University of Bologna (Italy). After two years at the Consiglio Nazionale delle Ricerche, he was appointed Assistant Professor at the University of Bologna in 1980.

He moved to Politecnico di Torino in 1986 as a full professor, and became Chair Professor of Solid and Structural Mechanics, as well as the Director of the Fracture Mechanics Laboratory. During that period, he held different positions of responsibility, among which: Head of the Department of Structural Engineering (1989-1995) and Founding Director of the Doctoral School of Structural Engineering (1990-2014). After his retirement from Politecnico di Torino in 2023, he became the Chang Jiang (Blue River) Chair Professor of Civil Engineering at Shantou University, Shantou-Guangdong, China.

Prof. Carpinteri was a Visiting Scientist at Lehigh University, Pennsylvania, USA (1982-1983) and was appointed as a Fellow of several Scientific Academies and Professional Institutions, among which: the European Academy of Sciences (2009-), the International Academy of Engineering (2010-), the Turin Academy of Sciences (2005-), the American Society of Civil Engineers (1985-). He was the Head of the Engineering Division in the European Academy of Sciences (2016-2023). Prof. Carpinteri was the President of different Scientific Associations and Research Institutions: the International Congress on Fracture, ICF (2009-2013), the European Structural Integrity Society, ESIS (2002-2006), the International Association of Fracture Mechanics for Concrete and Concrete Structures, IA-FraMCoS (2004-2007), the Italian Group of Fracture, IGF (1998-2005), the National Research Institute of Metrology, INRIM (2011-2013).

Prof. Carpinteri was appointed as a Member of the Congress Committee in the International Union of Theoretical and Applied Mechanics, IUTAM (2004-2012), a Member of the Executive Board of the Society for Experimental Mechanics, SEM (2012-2014), as well as a Member of the Editorial Board of ten international journals, the Editor-in-Chief of the International Journal “Meccanica” (Springer Nature), and the Honorary Editor of the International Journal “Smart Construction & Sustainable Cities” (Springer Nature). He is the author or editor of over 1,000 publications, of which more than 500 are papers in refereed international journals (Google-Scholar H-Index=95, more than 36,000

**Citations; Scopus H-Index=67, more than 17,000 Citations), and 59 are books or journal special issues.**

**Prof. Carpinteri received numerous international Honours and Awards: the Robert L'Hermite Medal from RILEM (1982), the Griffith Medal from ESIS (2008), the Swedlow Memorial Lecture Award from ASTM (2011), the Inaugural Paul Paris Gold Medal from ICF (2013), the Doctorate Honoris Causa in Engineering from the Russian Academy of Sciences (2016), the Frocht Award from SEM (2017), the Honorary Professorship from Tianjin University (2017), the Founding Fellowship from the Indian Structural Integrity Society (2018), the Zhu Jiang (Pearl River) Professorship from Guangdong Province, Shantou University (2019), the Giuliano Preparata Medal from the International Society for Condensed Matter Nuclear Science (2022), the George Irwin Medal from ASTM (2023), and the Honorary Professorship from Northeastern University, Shenyang (2024).**

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