

## CV & Short biography

***Dott. Ing. Claudio BORRI, Dr.- Ing. h.c. mult.***

***Full Professor of Structural Mechanics & Chair of Computational Mechanics of Structures;***



***Short biographical note:*** *Claudio Borri* (born in 1953 in Figline V.no, Florence) studied Civil Engineering at Univ. of Florence (Italy) and (later on) at Ruhr-Univ. Bochum (Germany), achieving the Degree in Civil Engineering in 1978 and the Ph.D. in Structural Mechanics in 1982. He was appointed as Research Assoc. (1983-90), then as Assoc. Professor (1991-2002) and later as Full professor of Computational Mechanics of Structures and Chair of Wind Engineering, School of Engineering, University of Florence (Italy). In 1992 Prof. Borri was the co-founder of the Inter-University Research Centre on Building Aerodynamics & Wind Engineering (CRIACIV), and responsible of developing the first Italian Wind Engrg. Lab. with a Boundary-Layer Wind Tunnel (nowadays, 8 Italian Universities involved). In 2004 Prof. Borri was elected as Director of CRIACIV and finally, in Oct. 2012, he served **Dean & Head (Direttore) at the Dept. of Civil and Environmental Engineering, DICEA**, of the Univ. of Florence (Dec. 2012 – Oct. 2016).

Prof. Borri is Editor/Co-Editor of 9 books (3 textbooks and 6 proceedings of international conferences), Author/Co-Author of more than **340 scientific publications** (more than 110 in refereed journals; h-index: 15; citation index: 458).

***Academic Curriculum Vitae:*** Through several scholarships/awards (**CNR, DAAD, A. Von Humboldt, Max Planck**) Prof. Borri has spent several years of research and teaching at different Universities: Ruhr-Univ. Bochum (1981/82; 1985; 1987/88; 1991/92), Univ. of Karlsruhe (1995), Dresden (1999); he was also called as Visiting Prof. at Univ. of Karlsruhe, Stuttgart, Dresden (Germany) and Notre-Dame (USA). For over 15 years, 2000-2012 and since 2018, Prof. Borri (with Prof. U. Peil) was appointed as Chairman of the International Ph.D. school on “Mitigation of risk by natural hazards on structures and infrastructures”, still running between the Univ. of Florence and TU Braunschweig. In 1999 Prof. Borri has promoted and then became **Coordinator of the COST action C14** in UCE on “Impact of Wind and Storms on city life and built environment” (1999/2004).

In 2007 he was elected as **President of the “Italian Association of A. von Humboldt-Fellows”**, a function in which he served for two mandates (2007-14).

After having served as **President of SEFI** (Société Européenne pour la Formation des Ingénieurs, Bruxelles, 2005-07), in 2006, Rio de Janeiro, Prof. Borri was elected as the **Founding President of IFEES** (International Federation of Engineering Education Societies, Washington DC, 2006-08). Prof. Borri was the promoter and coordinator of several European large Research and/or Education projects (more than 15 large projects, with 110 partner Institutions, in the span 1996-2010, managing about 12 MEuro of grants by the EC). He has been coordinator of 6 PRIN projects along 12 years (granted by MIUR of Italy). Along the last 25 years, Prof. Borri has been appointed as expert evaluator for several research grant agencies in Europe and oversea, as f.e. the **German “Excellenz-Initiative”/University Excellency Initiative**, under appointment by the German Wissenschaftsrat, FRG). More recently, Prof. Borri has been accredited twice as **eligible** (sorteggiabile) for the national habilitation as Jury member in Structural Mechanics (Commissario per la procedura di ASN nel SSD ICARo8)

**Professional Curriculum Vitae:** As a professional consultant, chartered Structural Engineer and Check Engineer for Statics and Dynamics of Structures, Prof. Borri has dealt, along more than 35 years, with several major structural engineering designs and projects. Main topics of concern are: wind effects on large buildings and structures (like TV towers and antennas, large roofs, tall buildings, bridges and footbridges), large wind turbines, off-shore wind energy structures, etc., at national and international level. In June 2010, till the end of 2012, Prof. Borri has been appointed by the Italian Ministry of Infrastructures as a Member of the Higher Advisory Board (Scientific Committee) of the “**Stretto di Messina**” Spa for the design and construction of the ever largest suspension bridge (3,300 m) across the strait of Messina (Calabria-Sicily).

***Awards, distinctions and prizes:***

- 1994: “**Max Planck Forschungspreis**” in Structural Mechanics by the Max Planck Ges./A. von Humboldt Stift. in Germany (Bonn, 1994), jointly with W.B Krätzig and G. Schuëller;
- 2001: “**Honorary Doctor Degree (Honoris Causa) in Engineering Sciences**” by the University of Architecture, Civil Engineering & Geodesy (UACEG) of Sofia, Bulgaria and in
- 2006: “**Dr.-Ing.-Paed. IGIP Honoris Causa**” by the University of Tallinn in Estonia.
- 2010: **A. von Humboldt Alumni Prize 2010** for “Innovative networking” (A. von Humboldt Stift., Berlin, 2010);
- 2012: **IFEES Presidential Award** (at WEEF<sub>2012</sub>, Buenos Aires, 2012),
- 2014: **N. Tesla Golden Chain 2014** for “Outstanding contributions to Engineering Education” (by IGIP, at WEEF<sub>2014</sub>, Dubai, Oct. 2014)