CV of BRUNO BRISEGHELLA

Dr. Bruno Briseghella is Full Professor (CEAR-07/A Tecnica delle Costruzioni) at University of Modena and Reggio Emilia and distinguished professor (1000 Foreign Experts Program) at Fuzhou University (Fuzhou, China).

He had been Dean of the College of Civil Engineering of Fuzhou University (Fuzhou, China), Founding Director of the National Platform “Joint International Research Center of Bridge Technology Innovation and Risk Mitigation” supported by Ministry of Science and Technology of China (MOST), Funding Director of the “Sustainable and Innovative Engineering Research Center”. During his dean term and under his leadership, the College has been selected inside the “Network of International Center for Education” supported by MOST and MOE (Ministry of Education).

He graduated with a bachelor’s and master’s Degree from Padova University (Padova, Italy) and a PhD from Trento University (Trento, Italy).

His main research activities have been focused on sustainable and innovative design of infrastructures, earthquake engineering, seismic isolation, integral abutment bridges, durability, monitoring and retrofit of bridges, and steel and steel-concrete structures, both from the theoretical and experimental point of view. He has published more than 300 scientific papers in National and International Journals and Conferences and has served as PI or CO-PI of several research programs granted by important Institutions. Dr. Briseghella acted as Chair of the “International Conference on Arch Bridges - Permanent Scientific Committee” from 2019 to 2023 and from 2022 he is the Chair of the “International association for Jointless Bridges”. He is member of the IABSE (International Association for Bridge and Structural Engineering) Foundation Council, e-learning Board (chair from 2011 to 2015), core member of the WC6 “Sustainability”, member of the TG5.2 Key Performance Indicators“, TG5.4 “Structure Management Systems (SMS): Survey on Implemented Decision-making Models” and former member of the Technical Committee (2011-2015). Dr. Briseghella is a member of the FIB (The International Federation for Structural Concrete) Task group 6.5 on “Precast Concrete Bridges”, the COST TU1406 on “Quality specifications for roadway bridges, standardization at a European level” and EAEE (European Association for Earthquake

Engineering) TG11 PT on “Seismic Design of Integral Abutment Bridges”. He had been visiting professor or researcher at the Universities of Bristol (UK), Zagreb (Croatia), Padova (Italy), Cagliari (Italy) and Milan (Italy). In 2002 he was awarded with Tobia Zordan as IABSE best young engineer paper. In 2012 he was selected as “1000 Foreign Talent Plan Professor” which is the highest academic honor awarded by China State Council and awarded as “China National Experts”, in 2013 with the “Fujian Province Friendship Award” and the “China National Friendship Award”, in 2018 with the “2017 International Educator in China Award” and in 2023 with the “Fujian Province International Science and Technology Cooperation Award”. From 2014 he is honorary citizen of Fuzhou and from 2019 honorary citizen of Fujian Province. In recognition of achievements, in 2024 he has been awarded with the 2023 International Science and Technology Cooperation Award of the People’s Republic of China, the highest scientific honor for foreigner scientists in China.

He has highly promoted the innovation in civil engineering and the cooperation with the industry. In the last years he has been involved in outstanding projects such as the detail design of the new steel arch footbridge in Venice (general design of Santiago Calatrava), the “San Dona’” Steel Bridge in Venice (5x100 steel arch bridge), twelve Network steel arch Bridges in Abu Dhabi (Emirates), the longest integral abutment bridge in the world (L= 400 m, Isola della Scala Bridge in Verona, Italy), the longest swing bridge in the world (El Ferdan Bridge swing steel bridge over the Suez Channel in Egypt), the longest suspension bridge in Africa (Maputo–Katembe Suspension Bridge, L= 680 m), the prestressed precast concrete bridges in Riyadh, 50 bridges (concrete and composite steel-concrete) for the Pedemontana Highway in Italy, the long span steel roof of the Galatsi Sport Center for the Olympic Games 2004 in Greece, the new gates for the Panama (Panama) Channel, the New Chernobyl (Ukraine) steel safe confinement, the steel roof of the Football World Cup Johannesburg Stadium, the movable steel gates for the MOSE system in Venice and others. Dr. Briseghella has been widely involved as consultant for the seismic retrofitting of Buildings and Bridges after the Earthquake in L’Aquila (2009, Italy) and Modena (2013, Italy).

June, 2024

Bruno Briseghella