

Professor Željko Božić achieved a Dipl. Ing. degree in mechanical engineering in 1987 and a M.Sc. degree in structural mechanics in 1992 at the Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb. He completed a Ph.D. degree in engineering from Yokohama National University in 1997. He is a Full Professor at the Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, where he is the Head of the Department of Aeronautical Engineering.

In 1993 he was awarded the Japanese Government (Monbusho) Scholarship for Ph.D. study in the Department of Naval Architecture and Ocean Engineering at Yokohama National University in Japan, where he received his PhD in the Fatigue and Fracture of Ship Structures, in 1997. He was awarded the medal of Yokohama National University. From 2001 to 2004 he worked in R&D Department in ALSTOM Power, Baden, Switzerland, on fatigue and integrity of gas turbine structures. He was a DFG (German Science Foundation) guest professor at the University of Stuttgart in 2010, 2011, 2012 and 2014. He was a visiting professor at University of Bergamo, Italy, in 2018.

His research interests include analytical, numerical and experimental methods to treat fatigue and fracture of thin-walled structures. In particular, modelling and analysis of fatigue cracks propagation in welded stiffened panels considering residual stress effects and interaction of multiple propagating fatigue cracks, as well as fracture behaviour of integral aluminium alloy stiffened plates.

Professor Božić was the Organizer and Chair of the 16th International Conference on New Trends in Fatigue and Fracture (NT2F16) held in Dubrovnik, in 2016, of the 1st and 2nd International Conference on Structural Integrity and Durability, ICSID 2017 and ICSID 2018, held in Dubrovnik in Dubrovnik in 2017 and 2018, respectively. He is ESIS TC13 - Education and Training Committee member and he was the Organizing Committee Chair of the 4th ESIS Summer School, held in Dubrovnik in 2017. He was Guest Editor of Special Issues of the International Journal of Fatigue, Engineering Failure Analysis, Fatigue and Fracture of Engineering Materials and Structures, and others. He gave more than 50 oral presentations at conferences and workshops including five plenary lectures. He authored or co-authored more than 90 papers and technical reports, 2 book chapters and he edited 2 books.