Prof. dr. ir. Edwin Reynders

Edwin Reynders is Assistant Professor at the Structural Mechanics Section of the Department of Civil Engineering of the University of Leuven (KU Leuven). His research expertise is in structural mechanics and building acoustics, and current research interests include numerical and experimental assessment of sound insulation, signal processing and system identification, and structural health monitoring. He teaches courses on strength of materials (BSc level), building acoustics (MSc level), noise control engineering (MSc level) and room acoustics (MSc level), and he has taught short courses at Universidad Politécnica de Madrid (Spain), Bauhaus Universität Weimar (Germany) and the University of Santa Clara (Cuba).

He obtained his PhD, which focused on system identification and modal analysis, from KU Leuven in 2009. He was then awarded a Postdoctoral Fellowship from the Research Foundation - Flanders (FWO), specializing in numerical modeling and uncertainty quantification in building acoustics, also at KU Leuven. In 2010-2011, he spent one year at the University of Cambridge, as a Visiting Research Associate of the Department of Engineering and as a Postdoctoral Associate of Clare Hall college, working on numerical modeling of random vibro-acoustic systems. In 2014, he was appointed as the KU Leuven chair of building acoustics. He is the main supervisor of 4 PhD theses, co-promotor of an FWO research project and co-leader of the KU Leuven Acoustics Laboratory.

In 2009 he received the Best PhD Thesis Award from The National Committee for Theoretical and Applied Mechanics of The Royal Academies for Science and the Arts of Belgium, in 2011 the Best Paper Award at the EVACES conference and in 2013 a Young Professionals Award from the International Institute of Noise Control Engineering (I-INCE) at the Inter-Noise conference. Since 2014 he is a member of the Editorial Board of Mechanical Systems and Signal Processing.