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Teresa Leonor Ribeiro Cardoso Martins Morgado holds a PhD in Mechanical Engineering from the Instituto Superior Técnico of Lisbon University and a Master's in Mechanical Engineering, with an option in Materials and Manufacturing Processes, from the Faculty of Engineering of the University of Porto. Her expertise and research interests include Structural Integrity of Materials, Manufacturing Processes, including Additive Manufacturing, Maintenance Management, and Mechanics of Fracture. She is the author of dozens of scientific publications, including book chapters and papers in international and national journals, as well as technical consulting reports for industries in the aeronautic sector and metalworking. Throughout her career, Teresa has organised dozens of international and national conferences as chair, served on advisory councils, local organising committees, international scientific committees, and promoted dozens of Special Symposiums in International Conferences. Teresa has promoted several scientific books and Special Issues in Scientific Journals. She is a permanent member of several societies, such as ESIS-European Structural Integrity Society, FeIbIm/FelbEm-Ibero-American Federation of Mechanical Engineering, EASN-European Aeronautics Science Network, and EuraSEM-European Society for Experimental Mechanics. She is currently consolidating her position as a Professor in the Mechanical Engineering Department of ISEL – Instituto Superior de Engenharia de Lisboa/ Polytechnic University of Lisbon, as a research member of UNIDEMI/ FCTUNL - Research and Development Unit for Mechanical and Industrial Engineering/ Faculty of Science and Technology - Universidade NOVA de Lisboa FCTUNL, and CINAV - Navy Research Centre Naval Academy Faculty/ Portuguese Navy.