

Dr. Pedro-José ARRAZOLA – Short CV

Dr. Pedro-José Arrazola Arriola is a Senior Lecturer of Mechanical Engineering and the Head of the Machining Laboratory at Mondragon University. He received his Master degree in Mechanical Engineering at INSA Lyon – France in 1988, and his PhD in 2003 at Nantes University.

He has been active in metal machining during the last 2 decades, publishing 59 papers in international refereed journals (23 papers Q1), 3 book chapters and more than 100 papers in conferences. His H index is 18. He has been awarded with 2 patents (Temperature Measurement in Drilling, On-line Measuring of Component Distortions) and one I.P.R. (Finite Element Model of Chip Formation Process).

He has directed the research of 16 PhD and 104 Master thesis and has participated in more than 90 scientific and industrial projects (EU, National and Regional) for several sectors (automotive, aeronautical, railways, medical).

He has been involved as well in continuous training activities related to metal cutting.

His current research interests are the following: cutting fundamentals (modeling and advanced experimental techniques), machinability, process monitoring and machining optimization. In recent years, he has focused his research on the machining of aeronautical applications, where analysis of surface integrity condition key aspect.

Dr. Pedro-José Arrazola is a Fellow Member of CIRP (The International Academy for Production Engineering) since 2018 (he was Associate Member since 2009). He is as well the secretary of the Scientific Technical Committee of Cutting of CIRP.

