

Date of the CVA	18/10/2020
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Section A. PERSONAL DATA

Name and Surname	Jesus Angel Pérez Fernández		
DNI/NIE/Passport		Age	36
Researcher's identification number	Researcher ID		
	Scopus Author ID		
	ORCID		

A.1. Current professional situation

Institution	University of Oviedo		
Dpt. / Centre			
Address			
Phone	659201559	Email	perezangel@uniovi.es
Professional category	Associate Professor	Start date	2017
UNESCO spec. code	331003 - Industrial processes		
Keywords			

A.2. Academic education (Degrees, institutions, dates)

Bachelor/Master/PhD	University	Year
PhD Mechanical Engineer	Universidad Politécnica de Madrid	2017
Máster in Mechanical Engineering	Universidad Politécnica de Madrid	2012

A.3. General quality indicators of scientific production

Section B. SUMMARY OF THE CURRICULUM

Currently Associate Professor at the Construction and Manufacturing Engineering department of the University of Oviedo. Teaching in Mechanical Engineering related subjects.

Currently structural design and calculation engineer of wagon vehicle structures. As an expert in the fatigue and structural analysis with the aid of simulations tools, has developed specific procedure to assess the integrity of such structures.

PhD Mechanical Engineer, within an FPI program at the University Institute of Automobile Research, belonging to the Polytechnic University of Madrid. During the development of the thesis, participated in a short term stay the KU Leuven University. Research activities focused in vehicle structural analysis and improvement.

Section C. MOST RELEVANT MERITS (ordered by typology)

C.1. Publications

- Scientific paper.** Jesús Ángel Pérez Fernández; Sam Coppieters; Dimitri Debruyne. 2016. Application of digital image correlation for the study of strain concentrations due to change in geometry in weld beads: parent interface of structural steel welds Science and Technology of Welding & Joining. 21-8, pp.670-679.
- Scientific paper.** Jesus Angel Perez Fernandez; Francisco Badea; Daniel Arribas. 2014. Experimental characterization of the strain concentration factor in welded junctions of rectangular tube beam using digital image correlation Procedia Social and Behavioral Sciences. Elsevier. 160, pp.440-448.
- Scientific paper.** Jesús Angel Perez Fernandez; Enrique Alcalá; Jose María Lopez. (3/). 2014. Experimental characterization of the probability density function of the operation loads supported by urban buses in Madrid (SPAIN) Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering. 228-11, pp.1315-1329.
- Scientific-technical report.** Enrique Alcalá; Angel Martin; Francisco Badea; et al. 2011. Tendencias en cálculo estructural y optimización de Autobuses y Autocares COIIM.

5 Doctorate Thesis book. Jesus Angel Perez Fernandez. 2017. Theoretical and Experimental Study of the Fatigue Behavior of Large Passenger Transport Vehicles Under Dynamic Operating Loads Universidad Politécnica de Madrid. E.T.S.I. Industriales (UPM).

C.2. Participation in R&D and Innovation projects

C.3. Participation in R&D and Innovation contracts

C.4. Patents