

Fecha del CVA	12/03/2021
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Parte A. DATOS PERSONALES

Nombre y Apellidos	Pablo Martínez Reviriego		
DNI	17478752V	Edad	23
Núm. identificación del investigador	Researcher ID		
	Scopus Author ID		
	* Código ORCID		

* Obligatorio

A.1. Situación profesional actual

Organismo	Universitat de València		
Dpto. / Centro	Física aplicada / Instituto de Física Corpuscular		
Dirección			
Teléfono	626974960	Correo electrónico	pablo.martinez.reviriego@ific.uv.es
Categoría profesional	Estudiante de Doctorado (FPU2019)	Fecha inicio	2020
Palabras clave			

A.2. Formación académica (título, institución, fecha)

Licenciatura/Grado/Doctorado	Universidad	Año
Máster Universitario en Física Avanzada	Universitat de València	2020
Graduado en Física	Universidad de Sevilla	2019

A.3. Indicadores generales de calidad de la producción científica

Parte B. RESUMEN LIBRE DEL CURRÍCULUM

I studied Physics in the University of Sevilla 2015-2019 with merits (9.66 out of 10.0). During my studies, I obtained a collaboration grant with the Department of Electromagnetism and, once I finished my degree, I received the Extraordinary End of Studies Prize from the University of Sevilla. During 2019-2020 I did the Advanced Physics Master at the University of Valencia (9.24 out of 10.0) focusing on the field of Nuclear and Particle Physics with a JAE-Intro ICUS grant for the realization of my Master's thesis.

Currently, I am in my first year of PhD studies with a FPU2019 grant in the group of RF and Accelerators Physics at the Instituto de Física Corpuscular (IFIC) in Valencia. My work is focused on the studies of the viability of High-Gradient accelerator structures for their use in medical accelerators for Hadrontherapy treatments in hospitals. Specifically, we study the non-linear phenomena such as RF Breakdowns and Dark currents, and their consequences in the accelerator cavities and their surroundings.

In order to develop this work, I had to expand my knowledge in the field of Accelerator Physics, which led me to do the 4 weeks Course 1 of the Joint Universities Accelerators School (JUAS) in 2021, called "Science of Particle Accelerator", where I reached the 1st position in the marks ranking.

Parte C. MÉRITOS MÁS RELEVANTES (ordenados por tipología)

C.1. Publicaciones

AC: Autor de correspondencia; (nº x / nº y): posición firma solicitante / total autores

Artículo científico. D. González-Iglesias; D. Esperante; B. Gimeno; et al; J. Fuster. 2021. Analytical RF Pulse Heating Analysis for High Gradient Accelerating Structures Analytical RF Pulse Heating Analysis for High Gradient Accelerating Structures. IEEE Transactions on Nuclear Science. 68-2.

C.2. Proyectos

C.3. Contratos

C.4. Patentes