

CVA date	04/26/2023
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Part A. PERSONAL DATA

Name	mary immaculate		
Surnames	Santamaria Valenzuela		
Sex	Women	Birthdate	08/27/1995
DNI/NIE/Passport	44598446C		
web url	https://www.infor.uva.es/msantamaria/		
Email Address	omorepro95@gmail.com		
Open Researcher and Contributor ID (ORCID)	0000-0002-7497-8795		

A.1. Current professional status

Position	Predoctoral Research Staff (MINECO)		
Start date	2019		
Agency / Institution	University of Valladolid		
Department / Center	Computer Science / School of Industrial and Computer Engineering		
Country		Phone	
Keywords	chemical physics and mathematics; engineering		

A.3. Academic training

Bachelor's/Master's/Thesis	University / Country	Year
Master in Mathematics	Malaga University	2018
Master's Degree in ESO and Baccaureate Teachers, Vocational Training and Language Teaching - ESP. Math	Malaga University	2018
Graduate or Graduate in Mathematics	Malaga University	2017

Part C. LIST OF MOST RELEVANT CONTRIBUTIONS

C.1. Most important publications in books and journals with "peer review" and conferences

AC: Corresponding author; (No. x / No. y): applicant firm position / total authors. If applicable, indicate the number of citations

1 Scientific article . deCastro, Manuel; Santamaria-Valenzuela, Immaculate; Towers, Yuri; González-Escribano, Arturo; Llanos, Diego R.2023. EPSILOD: efficient parallel skeleton for generic iterative stencil computations in distributed GPUs. The Journal of Supercomputing. Springer.

2 Scientific-technical report . Maria Immaculate Santmaría Valenzuela; Hugo Prieto Tarrega; Yuri Torres De la Sierra; Arturo González Escribano. 2021. Triangular tiling. An extension for Hitmap's HitSigShape structure and its algebra. University of Valladolid.

C.2. conferences

Maria Immaculate Santamaria Valenzuela; Hugo Prieto Tarrega; Yuri Torres De la Sierra; Arturo González Escribano. Computational and Mathematical Methods in Science and Engineering & International Conference in HPC in Rota, Cádiz (Spain). CMMSE. International. CMMSE 2020: Computational and mathematical methods. 2021. Spain.

C.3. Projects or research lines

1 Project . PRE2018-086729 | Abstractions for communication in systems heterogeneous. (University of Valladolid). 11/01/2019-10/31/2023. €92,750.

2 Project . TIN2017-88614-R | Communicated, partitioned memory space and scalable in heterogeneous environments. Ministry of Economy, Industry and Competitiveness. (University of Valladolid). 01/01/2018-12/31/2017. €84,458.

