europass Curriculum vitae

PERSONAL INFORMATION

Iñigo González de Arrieta

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PERSONAL STATEMENT

I am a PhD candidate (expected viva date: June 2020) specializing in infrared spectroscopy and radiative heat transfer, now seeking post-doctoral opportunities to widen my knowledge and skills base.

WORK EXPERIENCE

15/01/2019–Present — PhD fellow

University of the Basque Country (UPV/EHU), Leioa (Spain)

Basque Government scholarship

01/01/2017–14/01/2019 — Research assistant

University of the Basque Country (UPV/EHU), Leioa (Spain)

16/09/2019–20/12/2019 — Guest Scientist

Physikalisch-Technische Bundesanstalt (PTB), Berlin (Germany)

EDUCATION AND TRAINING

11/2016–Present — PhD in Physics

University of the Basque Country (UPV/EHU), Leioa (Spain)

2015–2016 — MS New Materials

University of the Basque Country (UPV/EHU), Leioa (Spain)

2011–2015 — BS Physics

University of the Basque Country (UPV/EHU), Leioa (Spain)

Specialty in Solid State Physics.

PERSONAL SKILLS

Mother tongue(s): Spanish

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
	Certificate of Proficiency in English (CPE, 2012)				
Basque	B2	B2	B2	B2	B2
	HABE 2 (B2, 2017)				

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Digital skills Experience in writing numerical and scientific programs in Python (Scipy stack) and in writing scientific papers in LaTeX.

ADDITIONAL INFORMATION

Publications Relevant publication sample:

Updated measurement method and uncertainty budget for direct emissivity measurements at UPV/EHU

I. González de Arrieta, T. Echániz, R. Fuente, J.M. Campillo-Robles, J.M. Igartua, G.A. López, Metrologia (accepted manuscript 2020, arXiv:1910.08315).

Infrared emissivity of copper-alloyed spinel black coatings for concentrated solar power systems

I. González de Arrieta, T. Echániz, R. Fuente, E. Rubin, R. Chen, J.M. Igartua, M.J. Tello, G.A. López, Solar Energy Materials and Solar Cells 200 (2019) 109961.

Thermal radiative properties of electron-beam-melted and mechanically alloyed V-4Cr-4Ti based alloys between 200 and 750ºC

T. Echániz, I. González de Arrieta, R. Fuente, I. Urcelay-Olabarria, J.M. Igartua, N. de la Pinta, W. Ran, H. Fu, J. Chen, P.F. Zheng, M.J. Tello, G.A. López, *Journal of Nuclear Materials* 513 (2019) 86-93

Conferences International Conference on PROCESSING & MANUFACTURING OF ADVANCED MATERIALS, THERMEC 2018

08/07/2018-13/07/2018, Paris (France)

Materialen Zientzia eta Teknologia IV. Kongresua, MZT 2018

02/07/2018-03/07/2018, San Sebastián (Spain)

20th Symposium on Thermophysical Properties

24-29/06/2018, Boulder (USA)

International Conference on Materials and Energy, ICOME 2018

30/04/2018-04/05/2018, San Sebastián (Spain)

European Conference on Thermophysical Properties (ECTP 2017)

03-08/09/2017, Graz (Austria)

IkerGazte 2017

10-12/05/2017, Pamplona (Spain)

Projects Implementación de una metodología basada en experiencias prácticas reales para la motivación del alumnado en la asignatura de Física de primer curso de los grados de Ciencias

Educational Research Project, University of the Basque Country (UPV/EHU), 06/03/2017 - 30/12/2018