Valdecilla
Instituto de
Investigación
Sanitaria
IDIVAL

hr
HR EXCELLENCE IN RESEARCH

Cantabria
Camino
Lebaniego

JOB OFFER		
REFERENCE	**OPENING DATE**	**DEADLINE**
INNVAL20/07	24/01/22	02/02/2022

PROFILE REQUIREMENTS	
EXCLUSIVE REQUIREMENTS: (1)	
ACADEMIC DEGREE	Bachelor's and Master's Degrees in Telecommunication Engineering
EXPERIENCE	Light-matter interaction experience, image processing and automated learning
OTHERS REQUIREMENTS	English, minimum official accreditation B2
VALUED MERITS /SKYLLS	
EXPERIENCE	- **Previous experience in the development of photonic instrumentation and image analysis techniques on diffusion phenomena.** - **Experience in performing measurements on aerosols.** - **Programming (Matlab, Phyton, C++, C, etc.) for the creation of Graphical User Interfaces (GUI).** - **Publications in the subject of the contract or closely related.**
LANGUAGES	English, improving the merits according to the level of accreditation.

CONTRACT INFORMATION		
TYPE OF CONTRACT	**EXPECTED INCORPORATION DATE**	**JOB STATUS**
To research project	15/02/2022	10 hours/week

ANNUAL GROSS SALARY	DURATION OF THE CONTRACT
6.986,24 €	**4 months4 meses (prorrogables en función del proyecto y la disponibilidad económica)**
WORK LOCATIONS	**UNIT/DEPARTMENT**
University of Cantabria	**Dep TEISA. Photonics Engineering Group**

OFFER DESCRIPTION
Research support technician
DESCRIPTION OF THE TASKS IN THE PROJECT
• **Análisis y procesado de imágenes de dispersión de aerosoles en ambiente: segmentación, cuantificación, etc.** • **Generar modelos representativos de modelos de morfología facial.**

- **Impresión de modelos 3D mediante tecnología de fabricación aditiva.**
- **Colaboración en actividades formativas, docentes y divulgación.**

PRINCIPAL INVESTIGATOR / RESPONSABLE	RESEARCH GROUP	RESEARCH PROJECT
Olga M Conde	Photonics Eng. Group / Transversal Area	INNVAL20/07 INNVAL20/07: Platform for quantitative validation of the protection level of commercial face masks against different facial morphologies (VALIDAMASKS).

RECRUITMENT INFORMATION	

SELECTION PROCESS STAGES (2)	EMPLOYMENT EXCHANGE
Pre-selection Interview: maximum number of candidates to be interviewed: 2. Minimum score for this phase: 30. Report of the Selection Board Resolution	NOT

SELECTION BOARD

- **Olga M Conde, Project´s Main Researcher**
- **Galo Peralta, IDIVAL´s Management Director**
- **Patricia Álvarez-Ingelmo, IDIVAL Human Resources Coordinator (She will act as registrar of the selection board).**

VALUATION OF MERITS			
MERITS	**EVALUATION**	**SCORE**	**MAXIMUM**
Previous experience in the development of photonic instrumentation and image analysis techniques on diffusion phenomena.	CV	Merit fulfillment	5 points for each evidence provided	20
Experience in performing measurements on aerosols	CV	Merit fulfillment	5 points for each evidence provided	10
Programming (Matlab, Phyton, C++, C, etc.) for the creation of Graphical	CV	Merit fulfillment	SI/NO	20

User Interfaces (GUI).				
Publications on the subject matter of the contract or closely related.	**CV and publications provided**	**Number of publications**	**1 point for each piece of evidence**	**5**
English	**CV y certificados**	**English level**	**C2: 5 points C1: 3 points**	**5**
FINAL SCORE				
MAXIMUM TOTAL SCORE BY MERITS				**60**
MAXIMUM TOTAL SCORE IN INTERVIEW				**40**
MAXIMUM TOTAL SCORE				**100**

(1) Not subsanable
(2) See duration of each phase in the document "Selection Process"