

UNVEIL DOCTORAL NETWORK (DC3, UNIVERSITY OF WARWICK, UK): MARIE SKŁODOWSKA-CURIE RESEARCHER (111472-0326)

Location: University of Warwick Campus, Coventry

Department: School of Engineering

Position Type: Fixed Term

Duration: 36 Month Fixed Term Contract

Salary: £48,543.72 to £57,710.28 per annum

[About the Role](#)

Informal Queries

For informal queries about the role, please contact Professor David Hutchins at d.a.hutchins@warwick.ac.uk

Full time 36-month contract starting the 1st October 26.

Applications are invited for a full-time (36.5 hours), 36-month fixed-term Doctoral Candidate (DC3) position at the University of Warwick, starting 1 October 2026.

Salary for this position will vary depending on entitlement of family allowance and enrolment in the pension scheme. The mobility allowance is automatically included as part of the salary which currently is £493.91 per month.

The role is part of the UNVEIL Marie Skłodowska-Curie Doctoral Network (<https://unveil-dn.eu>), a collaboration between 21 academic, cultural, and industry partners focused on developing advanced, non-destructive and data-driven tools for analysing paintings and 3D artworks. The project aims to better understand how such objects are made and how they age, supporting conservation, restoration, and authentication.

Funded by the European Union, UNVEIL brings together techniques such as Terahertz, ultrasound, infrared, and X-ray imaging, alongside data fusion, visualisation, and digital twin technologies. The outcomes will contribute to improved diagnostics of heritage objects, as well as public engagement through tools such as museum Augmented Reality (AR). This project will explore non-contact ultrasound methods for imaging cultural heritage objects, using approaches such as air-coupled transducers, haptic arrays, and optical detection. Image reconstruction techniques will be applied to reveal material properties, with additional work on enhancing resolution using metamaterials. The research will also integrate data from other imaging methods, including THz and thermography, in collaboration with partner laboratories.

The successful candidate will be supervised by Prof. David Hutchins, supported by a wider academic team. The role includes international secondments to the University of Calabria (Italy) and CNRS-LRMH (France).

Note that only applicants who have not been resident in the UK for more than 12 months in the 36 months preceding the effective starting date of this contract are eligible for this position. Moreover, applicants must not have been awarded a PhD at the effective starting date of this contract.

Researchers at The University of Warwick are encouraged to engage in a range of training and development opportunities designed to support their personal career development plans. The University of Warwick provides professional development support for all researchers seeking to build their own career pathways.

About You

You will hold (or be on track to achieve) an MSc (or equivalent), and not already have a PhD. You should demonstrate strong potential for high-quality research, with a developing profile and an understanding of relevant methods and techniques.

You will be a collaborative and motivated individual, able to work effectively with partners across Europe and willing to undertake international secondments. Strong communication skills (in English), good IT proficiency, and the ability and commitment to producing technical and scientific research outputs, including publications in peer-reviewed journals, are essential.

You should also have excellent organisational, time management, and interpersonal skills, with the ability to work both independently and as part of a team, contributing positively to a collegial research environment.

Previous experience with ultrasound, acoustics, optics or metamaterials in terms of modelling, design, and characterisation would be an advantage.

Candidates will be required to meet [Marie Skłodowska-Curie Doctoral Researcher eligibility criteria](#) as follows:

- At the effective starting date of this contract, applicants must **not** have been awarded a PhD.

For details on the experience and skills required, please refer to the job description via the link on the last page.

About the Department

The School of Engineering is committed to the principles of the Athena SWAN Charter, which recognises work undertaken to address gender equality, representation and progression for all staff working in an academic environment. The School currently holds the Athena SWAN Gold award and the University holds an Institutional Silver award. Further information about the work of the School in relation to Athena SWAN can be found at the following link; [Athena SWAN - School of Engineering - University of Warwick](#)

About the University

We are a world-leading research-intensive university founded in 1965. We are ranked **74th in the world** and **9th in the UK**.* Additionally, 92% of our research is rated **world-leading** or **internationally excellent**.**

Find out more about us at warwick.ac.uk/about/.

* [World University Ranking 2026](#), [Complete University Guide 2026](#)

** [Research Excellence Framework 2021](#)

How to Apply

CLOSING DEADLINE: Tuesday 5th May 2026 at 11:55pm (UK Time)

To apply, please click APPLY below and submit your application by the closing deadline.

You will be asked to include a CV and cover letter. Within these documents, please:

1. Outline your employment and education history (including your most recent employment).
2. Outline the reasons for your interest in this position.

3. Demonstrate how you meet the requirements of the role with clear reference to each of the essential and desirable criteria in the Job Description (PDF attached below).

- **Interview Date:** 21st May 2026
- **Start Date:** 1st October 2026

Applications must be submitted by the closing deadline. Only applications submitted through our Careers Portal will be considered. You are welcome to include any careers breaks you may have taken (e.g. parental/caring/long-term sick leave). Please note that if you do not evidence the essential criteria, the hiring panel may not be able to shortlist your application. For guidance on how to format a cover letter, see [here](#).

What we Offer

We provide a comprehensive range of benefits, including:

- An attractive pension scheme.
- 30 days holiday plus University Christmas closure.
- Generous parental/adoption leave policy.
- Onsite childcare facilities.
- Excellent learning and development opportunities.

We recognise the importance of a healthy work/life balance and offer access to flexible working arrangements. [For more information, see here](#).

We are proud to be a [Living Wage employer](#).

Our Commitment to Inclusion

To find out more about our commitments to equality, diversity, and inclusion, please see: [Our Commitments | University of Warwick](#)

Right to Work in the UK

If you do not yet have the right to work in the UK and/or are seeking sponsorship for a Skilled Worker visa, please follow [this link](#) which contains further information about obtaining the right to work in the UK.

Job Description

[JD Marie Sklodowska-Curie Researcher \(111472\).pdf - 192KB Opens in a new window](#)