

Dos posiciones doctorales en Univ. Strathclyde-deadline: 17 de abril de 2026

 Two Fully Funded MSCA PhD Positions in Neuromorphic Photonics & Neurotechnology (University of Strathclyde).

We are excited to announce two prestigious Marie Skłodowska-Curie Doctoral Candidate (DC1 & DC2) positions within the EU-funded MINDnet Doctoral Network, hosted at the Institute of Photonics, University of Strathclyde (Glasgow, UK).

These positions offer a unique opportunity to perform cutting-edge research at the intersection of photonics, neuromorphic computing, neurotechnology, and AI.

 About the PhD Projects

 DC1 - Chip-Scale Photonic Spiking Neural Networks for Parallel & Multi-Modal Processing

This project targets breakthroughs in next-generation neuromorphic photonic processors. You will explore and develop:

Photonic and hybrid photonic-electronic spiking neuron systems

Chip-scale SNNs enabling parallel, multi-modal information processing

Training algorithms for real-time complex tasks (classification, time-series analysis, etc.)

 DC2 - Efficient Learning Algorithms for Closed-Loop Optogenetic Control of Neural Circuits

You will:

Develop optoelectronic interfaces to stimulate and record neural activity

Implement ML algorithms for adaptive closed-loop neural control

Work at the interface of neuroscience, photonics, and AI

The project connects deeply with neurotechnology and next-generation neural implants.

 Why Apply?

 Join the MINDnet Marie Skłodowska-Curie Doctoral Network: 15 PhDs across Europe in neuromorphic computing

 World-class supervision: Profs. [Antonio Hurtado](#) & [Keith Mathieson](#), with an interdisciplinary team of physicists, engineers, neuroscientists & AI specialists

 International secondments (min. 3 months) across academic & industrial partners

 Access to cutting-edge photonics & neurotechnology labs

 Network-wide training schools, workshops, and cross-sector mentoring

 MSCA salary & benefits, mobility allowance, family allowance (if eligible)

 Location

Institute of Photonics, University of Strathclyde, Glasgow, UK

 Eligibility (MSCA Rules)

Must not already hold a doctoral degree.

Can be any nationality

Must satisfy the MSCA mobility rule: Not have lived or worked in the UK for more than 12 months in the 36 months before recruitment

Must meet academic & English-language requirements (see full advert)

 Application Deadline
17 April 2026

 Official Application Links

 DC1 & DC2 Full Job Description & Application:

 <https://lnkd.in/eezuC6vc>

 Euraxess Listing:

 <https://lnkd.in/eHWaCR6H>

 Join us to push the frontier of neuromorphic photonics, neurotechnology, and brain-inspired AI.

If you know someone who may be interested, please share this post!