

### Inviting Application for Postdoctoral Fellowship in Silicon Photovoltaics at CENIMAT-i3N

The fellow will perform collaborative, cross-disciplinary research at [CENIMAT-UNINOVA](#), an R&D center in the frontline of Materials and Nanotechnology at NOVA School of Science at Technology ([NOVA FCT](#)), under the European Project [BURST](#) which joins top research, academic and industrial partners collaborating in the improvement of the efficiency and applicability of silicon-based photovoltaic technology. The research will emphasize material growth via PECVD, silicon solar cells development including thin c-Si absorbers, and photonic structuring for light trapping, guided by advanced characterization techniques and assisted by optoelectronic modelling.

The fellow will work closely with a team led by Prof. Manuel J. Mendes and Prof. Hugo Águas, with additional opportunities for professional development in international networking, grant applications, academic teaching and mentoring, as well as student supervision.



*NOVA FCT is renowned for its beautiful campus next to the ocean, spanning 30 hectares in Monte de Caparica, just 15 minutes from Lisbon.*

The fellowship duration is targeted for 2 years, eventually renewable based on project needs. Fellows are expected to participate fully in the intellectual and collaborative environment of CENIMAT-UNINOVA, including projects participation, grant proposal development, R&D exploitation, academic teaching, outreach activities. The position offers a competitive starting salary aligned with the Portuguese remuneration scale for doctorate fellows, along with other benefits and research funding support.

#### Application Requirements

The deadline for applications is **March 7 2025**. The application documents must be submitted to [cenimat.rh@fct.unl.pt](mailto:cenimat.rh@fct.unl.pt) and [recrutamento@uninova.pt](mailto:recrutamento@uninova.pt).

For full application details, visit: <https://euraxess.ec.europa.eu/jobs/313321>.