

INESC TEC | Doctor Researcher (AE2024-0213)
INESC TEC

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Posted Jun. 14, 2024, set to expire Oct. 14, 2024

Job Title	INESC TEC Doctor Researcher (AE2024-0213)
Department	CAP
Institution	INESC TEC PORTO, , Portugal
Date Posted	Jun. 14, 2024
Application Deadline	Jun. 28, 2024
Position Start Date	Jun. 13, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunity

Optics, Applied Physics

Work description

In the context of the current research project, advanced systems for the analysis of bioparticles are being developed using scattering techniques and Raman spectroscopy.

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Specifically, a multimodal approach, using information from distinct techniques, will be used to enable more robust identification and diagnostic.

Academic Qualifications

Physics

Minimum profile required

- Experience in experimental optics;
- Experience in wavefront shaping with Spatial Light Modulators and Digital Micromirror Devices;
- Experience in simulation of optical systems.

Preference factors

Experience in wavefront shaping with SLMS and DMD

Salary Level

In accordance with article 15 of the RJEC and article 2 of Regulatory Decree no. 11-A/2017, of 29 December, the gross monthly base remuneration to be awarded is based on remuneration level 1 of the Investigador Júnior category of the Public Scientific Research Career Statute, with INESC TEC applying its own remuneration table for R&D doctoral employees, with a value of €2348.34 for the equivalent category.

Application Period

Since 13 Jun 2024 to 28 Jun 2024

Centre

Applied Photonics

Scientific Advisor

[Pedro Jorge](#)

What we offer

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- **Multicultural and collaborative environment**
- A multicultural, international and collaborative environment that makes it easier to exchange ideas, work in networks and create synergies.
- **International projects**
- The possibility of working in international projects with some of the most important companies in the field.
- **Mentoring**
- Mentoring with the best researchers in the fields of electrical and industrial engineering, bioengineering, information technology and physics.
- **Self Improvement**
- The possibility of participating in international conferences, workshops, seminars and vocational training.
- **Other Benefits and Perks**
- Flexible working time, health insurance, discounts in hotels, transportation, etc.
- **Informal Events**
- Annual informal events, such as the multicultural party.

For more information: [Click Here](#)

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Portugal

Contact E-mail rh@inesctec.pt