

Fabrication of Specialty Polymer Optical Fibres for Optical Sensing

A **PhD Fellowship** in Fabrication of Specialty Polymer Optical Fibres is available from the **Applied Photonics Group** at the **University of the Basque Country**

(<https://www.ehu.es/en/web/appliedphotonicsbilbao/home>).

The PhD thesis content is based on the **design, fabrication and application** as **optical sensors** of innovative specialty polymer optical fibres. Novel designs will be manufactured in our **Polymer Drawing Tower** and assessed in the **Photonics lab**.

Your qualification and skills:



- BSc in Physics, Chemical Engineering or Material Engineering.
- Background in Photonics and light propagation through Optical Fibres is highly desirable.
- Good command of English (both written and spoken).
- Hands-on ability with experimental set-ups.

We offer and expect:

- Young and dynamic team with interdisciplinary background.
- Participation in national and international conferences.
- International stay in a Research Institution.
- Conduct research, write scientific papers and present the PhD thesis in English.

Candidates should include the following documentation in their application:

- Curriculum Vitae.
- Cover letter explaining the interest in the position and experience level.
- Short description of previous research (if any) with references to previous publications (max. 1 page)

Applications should be sent to: Dr. Gaizka Durana Apaolaza (gaizka.durana@ehu.es)
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Expected starting date: January 2020