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Ex.mo Sr. Dr. Marcelino dos Santos,

INESC-ID,  
Rua Alves Redol, nº 9,  
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Lisbon, October 18th, 2013

**Subject:** Application to one research grant BI Licenciado in the project  
PTDC/EEA-ELC/122505/2010

Replying to the announcement published in the internet site http://www.eracareers.pt/ regarding the project PTDC/EEA-ELC/122505/2010, I, hereby present my application.

As a graduate student of *Mestrado Integrado em Engenharia Física Tecnológica* (MEFT) at *Instituto Superior Técnico* (IST), my formation reaches from the state of the art physics and technologies to a strong base in electronics, mathematics and general sciences, making me a versatile engineer.

My areas of interest for investigation are applied technology and electronics, prototyping and technology transfer, especially when applied to every-day-use objects. Since, in general, these are some of the main research areas of INESC-ID, and, in particular, is the subject of ***Monolithic MEMs-Based Hearing Aid,*** I believe I would feel very comfortable and motivated.

In visiting INESC’s installations on a guided tour I found that some of the courses I have completed, such as *Nanotecnologías e Nanoelectrónica,* guive me part of the preparation needed work at the laboratory. Also my former work with *Laboratório de Instrumentação e Física Experimental de Particulas* (LIP), in the project *PET-Mammography* enhanced my skills with electronics and programming.

On a more informal formation, I have taken an *Arduino* workshop and expanded my experience with electronics with few personal projects accomplished on a home developed *Microship* plataform.

At the end of my master degree, I intend to find a subject to develop a thesis to be presented in 2014.

For a complete record of my formation and work I attach my Curriculum Vitae.

To scrutinize my strengths and interests in greater detail, I would like to attend an interview and I am available at any of the contacts above.

**Best Regards,

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(Jorge Sabino)