

PhD position available at the Barillaro's group of the University of Pisa.

Biodegradable and bioresorbable materials provide a unique opportunity to engineer a new class of wearable sensors that can be used to monitor markers of clinical/diagnostic interest, then degrades in biocompatible byproducts after operation in an environmental-free manner.

A fully funded 3-years PhD grant is available at the Barillaro's group (<http://www.iet.unipi.it/g.barillaro>) on the subject "Reconfigurable, multiparametric wearable sensors based on micro and nanostructured biodegradable materials for clinical-diagnostic applications".

The PhD candidate will work in international and interdisciplinary environment, in collaboration with researchers of the EU project RESORB (www.resorb-project.eu), focused on implantable bioresorbable sensors for the detection of chemotherapeutic drugs in-vivo, in-situ, and in real time.

Passionate, outstanding candidates interested in the position can contact me on LinkedIn or by email at giuseppe.barillaro@unipi.it.

Giuseppe Barillaro, Ph. D.

Full Professor
Information Engineering Dpt
University of Pisa
via G. Caruso 16, 56126 Pisa - Italy
Tel. +39 050 2217 601
Fax +39 050 2217 522
email giuseppe.barillaro@unipi.it
web www.iet.unipi.it/g.barillaro