PhD Offers on Wearable/Textile Electronics

**Position:** PhD Student  **Duration:** 3 years

**Requirements:** Holders of a Master Degree (or last year students of Master) in the following engineering areas:
Electronics, Communication Systems, Electromagnetics, Industrial, Computer Science, Textile or Physics.

**Location:** UPC-ESEIAAT. Terrassa (Barcelona, Spain)  [http://eseiaat.upc.edu/en](http://eseiaat.upc.edu/en)

**Research tasks:** Research of wearable antenna/sensors and electronic systems on textile and flexible substrates for wearable applications including human radiation protection. The specific tasks involve:
- Design and simulation of the wearable prototypes
- Implementation and experimental characterization
- On-body measurements
- Publication of scientific papers/international conferences and patents.

**PhD Program Outcomes:** The Wearable/Textile Electronics PhD introduces the students to a highly specialized research topic and extends their skills with methodologies oriented to the tasks, simulation/experimental tools and most advanced procedures required in the Electronics/Textile Industry. The potential applications involve healthcare, sports/wellbeing, tracking and military areas.

**Funding:** The student will apply for a competitive grant/scholarship in competitive funding calls.

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