

2 PHD POSITIONS IN INDUSTRIAL PRODUCT AND PROCESS AT THE IIT IN COLLABORATION WITH UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

Workplace: Napoli, IIT@CRIB

Added on: 06/05/2020 - Expires on: 26/05/2020

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IIT has established a collaboration with Università degli Studi di Napoli, Federico II, and funds 2 scholarships linked to 2 PhD positions available at **the PhD Program in “INDUSTRIAL PRODUCT AND PROCESS ENGINEERING”** organized by the **Dipartimento di Ingegneria Chimica, dei Materiali e della Produzione Industriale** of the University.

Research and training activities are jointly conducted between the University and IIT infrastructures, located at the **Center for Advanced Biomaterials for Healthcare**, at the **Tissue Electronics** Research Line, led by its Principal Investigator, **Francesca Santoro**, and will be organized in the field of bioelectronics and biointerfaces focusing on the engineering of 3D materials for coupling with neuronal cells.

One project focuses on the electrophysiology and signal processing of neuronal cells' activity while the second project tackles the fundamental cell-material biomolecular interactions at the interface.

Candidates should have a background in **electrical engineering, bioengineering** and related.

Successful candidates will be part of an exciting and international working environment and will work in brand new laboratories equipped with state-of-the-art instrumentation.

Excellent communication skills in English, as well as ability to interact effectively with members of the research team, are mandatory.

In order to apply for these positions, it is mandatory to refer to the procedures administered by the Università di Napoli "Federico II". The official is available at this link: **Admission procedures**. The web page offers on separate files

- the official notice (**Bando di concorso per l'ammissione al 36mo ciclo dei corsi di dottorato di ricerca**);
- the list of all courses (**Allegato A al bando di concorso**) – the course of this announcement is on page 16 of the list.

For further information please contact the Principal Investigator: francesca@santoroiiit.it

Please, apply before deadline: 26/05/2020 12:00 (noon - Italian time).