

## Job title

Heat exchanger packaging strategies for micro-thermoelectric generators.  
Assembly and characterization

## Job description

TFM on the development of micro-thermoelectric harvesting devices under research.

## Main tasks and responsibilities

The proposed work will be related with the assembly and characterization of micro-thermoelectric generators. It will involve the implementation of advanced assembly techniques to integrate the device together with a heat dissipation component, which is aimed to optimize its performance in the conditions of the application environment.

## Requirements

Be in position for a TFM work and knowledge/interest in the Micro and Nano Technologies field.

## Description of Group/Project

The main interest of the IMB-CNM Thermoelectrics grup is focused to the fabrication and characterization of micro-thermoelectric generators. In the frame of the European Projects HARVESTORE and EPISTORE, our research group is involved in the development of both energy harvesting and energy storage microdevices focused on IoT wireless nodes. These devices are conceived and fabricated by means of Micro and Nano Technologies, extensively using the Clean Room Facilities at IMB-CNM and also in collaboration with the corresponding facilities from the other partners in the projects.

## How to apply

All applications must be sent to [marc.salleras@imb-cnm.csic.es](mailto:marc.salleras@imb-cnm.csic.es) or [joaquin.santander@imb-cnm.csic.es](mailto:joaquin.santander@imb-cnm.csic.es)

- This offer can be found on: <https://www.imb-cnm.csic.es/en/about-center/careers/open-positions>
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