

PhD Grant offer

The **Radiation Detectors Group** at the **Microelectronics National Center (IMB-CNM)** located in Barcelona, Spain, is offering a grant to realize a **Ph. D. in Physics** working on Low Gain Avalanche Detectors for Advanced Proton Tomography in Oncological Proton Therapy.

The main research activity is the development of Low Gain Avalanche Detectors for pixelated semiconductor sensors for a proton tomography system, including: technological and electrical simulation, detector design, technology setup, fabrication and characterization.

The selected candidate is expected to travel for short periods for testing campaigns and presentations at international conferences.

TERM OF APPOINTMENT: 3 years.

TO APPLY: Candidates are invited to contact:

Dr Celeste Fleta (celeste.fleta@csic.es), or

Dr Pablo Fernández (pablo.fernandez@imb-cnm.csic.es).

Applications must include a curriculum vitae, academic records and a confidential letter of reference.

Documents must be submitted as PDF files.

Selected candidates will be contacted by May 2024.

POSITION AVAILABLE: Expected start date June 2024.

BASIC QUALIFICATIONS: Master in Physics, Engineering or related field.

More information:

IMB-CNM activities: <http://www.imb-cnm.csic.es/>

Radiation Detectors Group: <https://rdg.imb-cnm.csic.es/>