

FELLOWSHIPS

MASTER OF ADVANCED NANOSCIENCE AND NANOTECHNOLOGY



Requirement to apply: Bachelor average grade above 7,5/10.

1.- Seven fellowships offered by ICMAB to carry out a research project (master thesis) at their Institution.

More information at <https://icmab.es/jae-intro-2022-icmab>

2.- Five fellowships offered by ICN2 to carry out master thesis at ICN2.

Two general fellowships (1250 € each) awarded to students that carry out the Master thesis at any ICN2 group.

Three specific fellowships (1250 € each) to work on projects offered by the following groups (one fellowship each group).

Ultrafast dynamics in nanoscale systems group, Klaas-Jan Tielrooij, klaas.tielrooij@icn2.cat

Atomic Manipulation and spectroscopy group, Aitor Mugarza, aitor.mugarza@icn2.cat

Thermal Properties of Nanoscale Materials group (GTNaM), Javier Rodriguez-Viejo; javier.rodriguez@icn2.cat

3.- Four fellowships (3.000 € each) linked to specific projects offered by IMB-CNM

List of IMB-CNM projects with funding

Grupo de Transductores Químicos (GTQ)	http://gtq.imb-cnm.csic.es	Sustainable manufacturing of electrochemical sensors based on metal /metal oxide nanoparticle carbon composite materials by printing	César Fernández Sánchez / cesar.fernandez@csic.es ; work carried out in collaboration with Dr. Martí Gich from ICMAB
Grupo de Microfabricación e integración de sensores y fuentes de energía (MESSI)	https://www.imb-cnm.csic.es/es/investigacion/grupos-de-investigacion/grupo-de-microfabricacion-e-integracion-de-sensores-y-fuentes	3w Volkein devices for assymmetric materials. Determination of in plane thermal conductivity in assymmetric nanostructures	Libertat Abad / Llibertat.Abad@imb-cnm.csic.es
NEMS and Nanofabrication	http://nanonems.imb-cnm.csic.es/	Nanofabrication for semiconductor-based quantum computing	Francesc Pérez-Murano / francesc.perez@imb-cnm.csic.es
Micro NanoTools (MNTL)	http://mnt.imb-cnm.csic.es/	Development of plasmo-mechanical systems for sensing and catalysis	Borja Sepúlveda / borja.sepulveda@csic.es / Mar Álvarez / mar.alvarez@csic.es

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