

# ASIGNACIÓN DEFINITIVA TFM

Curso 2017-18

## MÁSTER U. EN MATERIALES NANOESTRUCTURADOS PARA APLICACIONES NANOTECNOLÓGICAS

ALUMNO/A	TRABAJO ASIGNADO	DIRECTORES
ASTÚA ROSALES, ALEJANDRO	Assembling a toolbox of magnetic nanoparticles for magnetic hyperthermia applications	Lucía Gutiérrez Marruedo Raluca María Fratila
BARRA BURILLO, MARÍA	Fabrication and electrical characterization of graphene nanodevices	José María De Teresa Nogueras Soraya Sangiao Barral
BARRIUSO FERNÁNDEZ, EDUARDO	Understanding ferroelectricity in HfO <sub>2</sub> - ZrO <sub>2</sub> films	José Ángel Pardo Gracia Pedro A. Algarabel Lafuente
BERDONCES LAYUNTA, ALEJANDRO	Synthesis of covalent nanostructures on functional surfaces	David Serrate Donoso Jorge Lobo Checa
BERMEJO SOLÍS, ALBA	In-situ TEM investigations of 1D and 2D Nanomaterials	Raúl Arenal De La Concha
CARDONA LAMARCA, TERESA	Nanofabrication of two dimensional chemical scaffoldings	Pilar Cea Mingueza Santiago Martín Solans
ESCORIHUELA LÓPEZ, ENRIQUE	Chemical modification of surfaces for molecular electronics applications	Santiago Martín Solans Pilar Cea Mingueza
ESPORRÍN UBIETO, DAVID	Pegylated pH-sensitive micelles based on polypeptides for biomedical applications	Rafael Martín Rapún
ESTAÚN PANZANO, JUAN ANTONIO	Antimicrobial nanomaterials for cultural heritage conservation	Scott George Mitchell
GRACIA ABAD, RUBÉN	Intrinsic and extrinsic effects on the transport properties of nanodevices based on Topological Insulators	José María De Teresa Nogueras Soraya Sangiao Barral
LARA RICO, NIDYA	Engineering catalyst for methane transformation	Ignacio Julián Burillo Scott George Mitchell
LATORRE IRIGOYEN, ALBERTO	Elaboration and study of 2D films based on metalloporphyrins	Ignacio Gascón Sabaté Olivier Stephane Roubeau

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MORENO ANTOLÍN, EDUARDO	Localized magnetic hyperthermia as a novel tool for cell transfection	Raluca María Fratila Valeria Grazú Bonavia
PÉREZ MIANA, MARTA	Fabrication of bactericidal films for the sterilization of biomedical nanostructured materials	Gracia María Mendoza Cantos Víctor Sebastián Cabeza