

RELACIÓN DE ACUERDOS DE TUTELA DE TRABAJOS FIN MÁSTER

Curso 2018-19

MÁSTER U. EN MATERIALES NANOESTRUCTURADOS PARA APLICACIONES NANOTECNOLÓGICAS

| ALUMNO | Directores | Ponente | Título TFM |
|------------------------------|--|---------|--|
| BERNAD QUÍLEZ, EDUARDO | Reyes Mallada Viana M ^a Pilar Pina Iritia | | Microfluidic SERS platforms based on Au-SiO ₂ Plasmonic Nanostructures for SERS Detection of Neurotoxic Agents in Gas Phase |
| BONET ALETÁ, JAVIER | Francisco J. Fernández Álvarez Guillermo A. Lázaro Villarroya | | Synthesis and catalytic activity of nanoparticles for VOC removal |
| BOUKHANOUCHE, AMINE | María Bernechea Navarro César Magén Domínguez | | Synthesis and Advanced Transmission Electron Microscopy characterisation of AgBiS ₂ nanoparticles for photovoltaics: influence of nanostructure on solar cell performance |
| COBA DAZA, JORGE SEBASTIÁN | Silvia Irusta Alderete | | Synthesis of electrospun oxide fibers for catalytic applications |
| GARÍN GÓMEZ, CARLOS | Manuel Arruebo Gordo Teresa Alejo Cuesta | | Photodynamic therapy in the treatment of skin-associated infections |
| GONZALO QUÍLEZ, VICTORIA | Pilar Cea Mingueza Santiago Martín Solans | | Fabrication of molecular electronic devices using simple chemical procedures |
| HENAO SIERRA, WILSON ALBEIRO | Antonio Monzón Bescós Eva Romeo Salazar | | Synthesis and characterization of graphene related nanomaterials by catalytic decomposition of methane using transition metal catalysts |
| LATORRE IRIGOYEN, ALBERTO | Ignacio Gascón Sabaté Olivier Stephane Roubeau | | Elaboration and study of 2D films based on metalloporphyrins |

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|------------------------------|---|---------|---|
| RAMÍREZ DE LA TORRE, JESSICA | María Bernechea Navarro M ^a Pilar Lobera González | | New solar-light-active photocatalysts for persistent organic pollutants (POPs) removal in wastewater |
| SALVADOR PORROCHE, ALBA | José María De Teresa Nogueras | | Pt-based deposits grown in cryogenic conditions by Focused Ion Beam Induced Deposition (Cryo-FIBID) for applications in Nanoscience |
| SANZ MARTÍN, CARLOS | José María De Teresa Nogueras César Magén Domínguez | | Structural and magnetic properties of cobalt and iron nanowires grown by Focused Ion Beam Induced Deposition (FIBID) |
| SEBASTIÁN VALENZUELA, DAVID | Raúl Arenal De La Concha | | In-situ microscopy analyses of carbon and related nanostructures |
| TEJEDOR RAMOS, INÉS | Ignacio Gascón Sabaté | | Fabrication and applications of MOP ultrathin films obtained by the Langmuir-Blodgett (LB) method |