

4th September 2018

IMDEA Nanociencia Recruitment Call 2018

IMDEA-Nanociencia is recruiting highly motivated individuals to reinforce and consolidate specific activities of different [research lines](#). Applications are invited to be submitted *with the following profiles*:

Research Scientist¹ in

[Chemical Synthesis](#). Ref. 2018501

Synthesis and characterization of tailored nanoparticles for biomedical applications

[Biochemical](#). Ref. 2018502

Advanced technological development for single molecule manipulation

[Nanomagnetism](#) Ref. 2018503

Nano-fabrication technology of advanced magnetic storage media

[2D Materials](#) Ref. 2018504

Theoretical models for the novel properties of graphene and other 2D systems.

[Scanning probes and surfaces](#) Ref. 2018505

Nanoimaging topological materials

[Scanning probes and surfaces](#) Ref. 2018506

Nanoscale Imaging of 2D Materials

[Spintronics](#) Ref. 2018507

Advanced spintronic-based technology

[Organic Photovoltaics](#) Ref. 2018508

Advanced photovoltaic system based on organic or hybrid materials

Postdoc² in

[Scanning probes and surfaces](#) Ref. 2018509

Development and characterization of advanced organic-based optoelectronics

Research Staff³ for

[Atomic Force Microscopy Service](#) Ref. 2018510

Experienced researcher staff in AFM

[Mechanical workshop Service](#) Ref. 2018511

Head of mechanical workshop

Technician⁴

[Mechanical workshop](#) Ref. 2018512

Specific Applicant requirements:

- 1 More than four years postdoctoral experience in the specific topic.
- 2 PhD in chemistry, physics, biology, engineering or related discipline completed when the position starts.
- 3 More than three years technical experience in similar position.
- 4 Technician or Superior Technician degree in the framework of professional training.

General Application Requirements

- Applications should be sent electronically to jobs.nanociencia@imdea.org.
- The subject of the mail should start with the Ref. followed by your family name and name:
(*ie. subject: Ref. 2018501 Smith John*).
- One compressed file (in PFD format) including the following documents:
 - Motivation letter (max. 1 page),
 - Short curriculum vitae (max. 2 pages including the 5 most relevant papers and invited talks as well as the prizes or other major achievements, etc)

Bases of the call

IMDEA-Nanociencia is recruiting highly motivated individuals to reinforce and consolidate specific activities of different research lines within their scientific programs.

General Application Requirements

- Candidates may be of any nationality. No age restrictions apply.
- Applicants must be able to communicate fluently in English
- Ability to demonstrate exceptional research accomplishments
- Applications should be sent electronically to jobs.nanociencia@imdea.org.
- The subject of the mail should start with the Ref. followed by your family name and name:
(ie. *subject:* Ref. 2018501 Smith John).
- One compressed file (in PFD format) including the following documents (note the limitations in the number of pages):
 - Motivation letter (max. 1 page),
 - Short curriculum vitae (max. 2 pages including the 5 most relevant papers and invited talks as well as the prizes or other major achievements, etc)

Deadline for applications: September 19th, 2018

Benefits

We offer a unique opportunity to the applicants to work in a true multidisciplinary scientific environment facing fundamental societal challenges, if results are satisfactory. Gross salary will be according to standard regulation in Spain at IMDEA Nanociencia.

Eligibility and Evaluation Criteria¹

- Applicants must have the academic or conditions and / or the specific requirements required in the different profiles required in each place at the time of recruitment. The specific requirements are:
 1. Research Scientist: More than four years postdoctoral experience in the specific topic.
 2. Postdoc: PhD in the related discipline to the research line completed when the position starts.
 3. Research staff: More than three years technical experience in similar position.
 4. Technician: Technician or Superior Technician degree, in the framework of professional training
- The individual evaluation of the applications for Research Scientist (1) will be accomplished on the basis of three criteria:
 - **Scientific Excellence (70%)**. Curriculum Vitae of the candidate, including publications and participation in research projects, and quality of the motivation letter detailing the research interests will be evaluated.
 - **Expected Impact (30%)**. Expected impact over the applicant's future career, over the research carried out at IMDEA Nanociencia, as well as the potential applicability of the results will be evaluated.

¹IMDEA Nanociencia is signatory of the "European Charter for Researchers and Code of Conduct for their Recruitment" and strongly committed to implement their requirements.

- **Implementation (15%).** Feasibility of the research interests detailed in the motivation letter and adequacy of the existing infrastructure at IMDEA Nanociencia to carry out the research of the proposal will be considered.
- The individual evaluation of the applications for Posdoc (2) will be accomplished on the basis of two criteria:
 - **Curriculum Vitae of the candidate (70%):** Academic results, which include the academic transcripts, and research experience, including publications and participation in research projects, will be evaluated.
 - **Quality of the motivation letter** detailing the research interests (30%).
- The individual evaluation of the applications for Technical Staff (3) and Technician (4) will be accomplished on the basis of two criteria:
 - **Technical experience (70%).** Transferable skills and experience in both academy and industry sectors will be regarded as valuable contributions.
 - **Quality of the motivation letter** detailing the research interests (30%).

Evaluation and Selection Procedure

- Applications which fail the eligibility check will be informed of their ineligibility.
- Applications which are deemed to be eligible and will receive confirmation that they have passed the eligibility check and are under evaluation.
- The IMDEA Nanociencia Scientific Committee will evaluate the applications. The Committee is composed by four scientific experts (the three Deputy Directors chaired by the Director of the Institute).
- If required, appropriate external referees for each individual proposal will be selected in order to advise on the quality of the applicants based on CV and the research project proposal.
- Funded applications will be identified at this point and published on the IMDEA-Nanociencia web page.
- Unsuccessful applicants with a score equal to or greater than 70 will be part of the substitute pool for the purpose of possible substitution, if the selected candidate resigns at any time during the term of the contract, or incorporation.