



INSTITUTO DE FISICA

UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO



OPEN FACULTY POSITION

The Institute of Physics at the National Autonomous University of Mexico (UNAM) invites applications for a faculty position in

Theoretical Condensed Matter Physics & Nanoscience

Applicants with research experience in quantum many-body theory in condensed matter physics for studying physical phenomena on the quantum phases of matter, for example, excitons, polarons, correlated states, low dimensional systems, topological insulators, among others, are particularly encouraged to apply.

Candidates must have:

- a. A Ph. D in Physics, or a closely related field.
- b. Demonstrated research experience in Theoretical Condensed Matter Physics of at least two years after obtaining a Ph. D.
- c. Women must be under 39 years old, and men under 37 years old, before the position is taken.

Candidates are expected to engage in competitive research programs, teach at undergraduate and graduate levels, recruit, supervise, and mentor undergraduate and graduate students, participate in university service and professional activities, and develop an actively funded research program of the highest quality. It is encouraged that the proposed research project complements existing research topics in Condensed Matter Physics & Nanoscience at the Institute of Physics. Candidates are expected to teach in Spanish. UNAM is a public university with a strong commitment to improving access to higher education in Mexico for students from diverse backgrounds.

Applications should be submitted at <http://olimpo.fisica.unam.mx/plazas> and include:

1. Application letter to Prof. Cecilia Noguez, Head of the Institute of Physics, UNAM, with a statement indicating the candidate's motivations and abilities.
2. A detailed Curriculum Vitae
3. List of publications. A brief explanation of the candidate's contribution of the three most significant publications (less than 200 words for each).
4. A brief explanation of the candidate's research accomplishments (less than 1000 words).
5. Statement of research for the first three years (less than 2000 words).



INSTITUTO DE FISICA

UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO



6. Applicants should provide names and contact information of three references.
7. Teaching statement at undergraduate & graduate programs in Physics. (less than 200 words).

All application materials should be received by December 11, 2020

The search committee will make arrangements for an interview and a seminar for some potential candidates. The position is available as a tenure-track and must start November 2020 and no later than February 2021. Salary and benefits are those established by UNAM. The Institute of Physics UNAM is especially interested in candidates who can contribute to the diversity, inclusion, and excellence of the academic community through research, teaching, and service as appropriate to the position.

For additional information contact:

Prof. Jesús A. Arenas Alatorre
Search Committee
e-mail: plazas@fisica.unam.mx

Instituto de Física, UNAM

Ciudad Universitaria, México City at September 28th, 2020

<http://www.fisica.unam.mx/>