

THEORETICAL AND/OR COMPUTATIONAL CONDENSED MATTER POST-DOCTORAL
POSITIONS AT CHINESE AND PORTUGUESE INSTITUTIONS

PROMOTED BY

THE BEIJING COMPUTATIONAL SCIENCE RESEARCH CENTER (CSRC)
<http://www.csrc.ac.cn/>

IN COLLABORATION WITH RESEARCHERS FROM:

Center of Physics and Engineering of Advanced Materials (CeFEMA)
<http://cefema.tecnico.ulisboa.pt/>

- THREE POSITIONS AT CSRC, BEIJING, CHINA AND CeFEMA
(PERIOD September 2016- August 2019)

The research areas of the three (3) positions are:

- 1- Up to 2 positions in topological phases of matter, specifically electron interactions in systems with non-trivial band topology, Majorana fermions in topological superconductors, and topological phase transitions and their dynamics.
Host at CSRC: Lin H. Q.
Hosts at CeFEMA: Pedro D. Sacramento, Miguel Araujo, Eduardo Castro and Vitor Rocha Vieira.
- 2- Up to 2 positions in many-body physics in novel two-dimensional materials, such as graphene multilayers, post-graphene two-dimensional materials, and heterostructures of two-dimensional materials.
Host at CSRC: Wang L.
Hosts at CeFEMA: Eduardo Castro, Miguel Araujo and Pedro D. Sacramento.
- 3- Up to 2 positions in spintronics and nanotechnology, with applications of quantum information and computation.
Host at CSRC: Stefano Chesi.
Hosts at CeFEMA: Vitor Rocha Vieira, Pedro D. Sacramento and Miguel Araujo.

The positions are opened for a three-year appointment, renewable yearly, to be spent half in China and half in Portugal, to start preferentially in September 2016.

Starting Salary: 1,500 euros (after tax)

Based on performance, the 2nd year increment ranges from 1,550 euros to 1,650 euros, and the 3rd year could come up to 1,800 euros (all after tax). (There will be a strict procedure of evaluation on the performance)

Applicants should be no more than 35 years of age at the time of application and should have obtained their Ph.D. after 2010.

Applications, including a detailed curriculum vitae (indicating date of birth, nationality, family status, dependents), list of publications and at least two letters of recommendation (whose scan should be sent separately by the referee), should be sent to:

Professor Hai-Qing Lin

E-mail: haiqing0@csrc.ac.cn

Professor Pedro D. Sacramento

E-mail: pdss@cefema.tecnico.ulisboa.pt

Please note -- e-mail recommendation letters are not accepted.

Deadline for receipt of applications: 30 April 2016.