



Postdoctoral research offer: New many-body techniques inspired from Bohmian mechanics

Candidate requirements:

- The candidate needs a PhD in physics, nanoscience, electronics, materials science or similar.
- Good knowledge of numerical methods, C++ , Fortran.
- Interest in quantum mechanics and quantum technologies.

Grant conditions:

- The postdoctoral is granted for this year and next one (Gross annual wage 31.728,72 Euros).
- The research is linked to the project “QuantumCAT” Agrupació emergent en Tecnologies Quàntiques de Catalunya” RIS3CAT (FEDER).

Those interested have to sign [here](#) electronically **before March 10, 2020.**

For more information, please, contact urgently:

Xavier Oriols (UAB) xavier.oriols@uab.es Phone: +34 93 581 35 23

Involved research:

- [Applied Bohmian mechanics: from nanoscale systems to cosmology](#)
- [Phys. Rev. Lett., vol.98, 066803 \(2007\)](#)
- [Phys. Rev. Lett. 116, 110404 \(2016\)](#)
- [The BITLLES simulator](#)