Call for registration at “Magnet”

“Magnet” is a new program, recently launched by the Peruvian National Council for Science, Technology and Technological Innovation (Concytec). Its main goal is to increase the number of highly qualified scientists working in key research lines at different local institutions. To this end, Concytec will select up to four research lines and provide them with grants to finance the inclusion of foreign, or recently returned Peruvian researchers. In a first stage, 25 research lines have been pre-selected. They are entitled to submit a proposal before April 15, 2016. The submission must include the participation of a “senior researcher” and one or more scientists in the categories of “adjunct researchers” and “post-docs”. While senior and adjunct researchers may be of any nationality, post-docs must be Peruvians who have obtained their PhD abroad and have not resided in Peru for a period longer than one year from this call.

The research line “Quantum Optics” of the Pontificia Universidad Católica del Perú (PUCP) is among the aforementioned 25 pre-selected ones. It develops theoretical and experimental research in subjects such as geometric phases, fundamental tests of quantum mechanics, open quantum systems, quantum information theory, the Rabi Hamiltonian, and others. It also plans to develop research in collaboration with Colgate University (Hamilton, NY) in the field of Poincaré beam-patterns and optical singularities. The experimental research is mainly concentrated in photonics, for which standard experimental facilities are already available. These facilities allow working with both classical and quantum light sources. More details about the quantum optics group at PUCP can be found at: http://fisica.pucp.edu.pe/groc/

If you are interested in participating in our quantum optics research in Peru for the next two or three years, then you can register at http://postulacion.concytec.gob.pe/ventanillaweb/faces/magnet.xhtml, by entering the required data. To read the Call Guidelines you may follow the link: http://bit.ly/1Rtbvxj. Registration allows you to propose a research area of your interest. Concytec will rate the registrations and, depending on the score obtained by the candidates, classify them as potential “senior researchers”, “adjunct researchers” or “post-docs”.

If the research line Quantum Optics is eventually selected as one of the four lines to be promoted by Magnet, you will become eligible to receive a tax-free salary through a special appointment as an UNO-expert. The senior researcher’s salary¹ is USD 80,000 per year, for a maximum of three years; the adjunct researcher’s salary is USD 60,000 per year, for a continuous period of three years; the post-doc’s salary amounts USD 37,000 per year, for a continuous period of two years. Funding of a research line also includes the covering of travel expenses and reallocation costs (USD 17,000), as well as an amount of USD 188,000 for partial coverage of research costs.

¹ Assuming a currency rate of 3.5 Peruvian Soles per 1 USD.
For more detailed information about the quantum optics group at PUCP, the program Magnet, availability of research facilities at PUCP, etc., please contact

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