

# **ALBA - SESAME Fellowship**

## **ALBA – Spain and Synchrotron-light for Experimental Science and Applications in the Middle East (SESAME)**

CELLS is a consortium between the Spanish Ministry for Science and Innovation and the Catalan Department of Innovation, Universities and Enterprises. CELLS has the responsibility for constructing, equipping and exploiting a 3<sup>rd</sup> generation Synchrotron Light Source ALBA.

ALBA, under an agreement with SESAME, is offering 3 one-year training fellowships in the following areas to applicants from SESAME Members (Bahrain, Cyprus, Egypt, Iran, Israel, Jordan, Pakistan, Palestinian Authority, Turkey):

- Construction, operation, and development of beam-lines,
- Accelerator technologies optimized for the production of Synchrotron Light – in particular one of the position is meant for a vacuum engineer who will be involved in the designing of frontends for the beamlines.

Applicants should hold a degree of Master of Science (M.Sc./M.S.) or Doctor of Philosophy (PhD) in either of the following areas: Physics, Chemistry, Biology, or an engineering degree from a recognized university. These fellowships are particularly meant for the SESAME staff and in general aim scientists and engineers from SESAME region. This program will focus on the research topics related to the construction, operation and development of beamlines and the synchrotron storage ring.

After completion of the training period, successful trainees may be offered a job at the SESAME site in Jordan, depending on the results of their work carried out whilst in receipt of a fellowship and the availability of positions at the SESAME Centre.

Each fellowship will consist of a fixed amount for a return, economy class air ticket for the fellow's journey between his/her place of residence and Spain, but not for his/her dependents, and a fixed monthly stipend to cover the fellow's living expenses in Spain. During the duration of the fellowship, ALBA will cover social medical assistance and a personal accidents insurance of the fellow, but not that of his/her dependents.

In all patents, papers and publications resulting from the fellowship, acknowledgement will be made of both ALBA and SESAME. Two reprints of any publication resulting from this work will be sent to the Scientific Director of SESAME.

Applicants wishing to be considered for these fellowships are to submit the following in English to the Scientific Director of SESAME and to the Chair of the SESAME Training Advisory Committee at [fellowships@sesame.org.jo](mailto:fellowships@sesame.org.jo). In the subject field of email please put the following text “**ALBA-Fellowship-2010**”.

1. **A completed application form.**

2. **Short curriculum vitae** (academic qualifications and positions held; major fields of training and research experience; and, in no more than five lines, current research work)
3. **List of Publications** Mark with an asterisk the five most significant ones. **Do not submit articles and do not list or submit abstracts.**
4. **Synopsis of proposed work at ALBA** to be written by the applicant on no more than two A-4 sized pages of single-space text set out under the following headings: (1) Title; (2) Nature of the work and outline of the experiments proposed; (3) Why it is necessary to go to ALBA to perform the work; (4) Why the project will require the time period requested. All references to publications should be given in full. In addition, a timetable of the experimental work to be carried out is to be set out on an extra page.
5. **A letter supporting your application** from an experienced scientist who knows your work. This should be written on headed paper of your referee's laboratory.

The closing date for the submission of applications is **March 5, 2010** .