



SESAME

Synchrotron-light for Experimental Science & Applications in the Middle East

Vacancy Notice No:	SS/19/06
Position and Grade:	IR second beamline scientist (P0 – Step II)
Sector:	Scientific
Duty Station:	Allan, Jordan
Issue Date:	July 12th , 2019
Type/Duration of Appointment:	Fixed term, 3 years' appointment (Full time, subject to a probationary period 1 year) with the possibility of renewals
Date for entry on duty:	ASAP
Application Deadline:	August 15th, 2019

Organization Setting

The Synchrotron-light for Experimental Science and Applications in the Middle East (SESAME) has been established in Jordan, under the auspices of UNESCO. Its mission is to promote international collaboration in the Middle East and the Mediterranean region using synchrotron light for basic and applied research in physics, chemistry, biology, materials science, environmental and medical investigations, archaeological studies and other research areas of relevance to the region. The centerpiece of SESAME is an advanced 2.5 GeV synchrotron light source that has been constructed and is operated by the Members of SESAME with the support of the international community. SESAME is an international scientific and technological center of excellence open to all qualified scientists worldwide. Two beamlines (XAFS/XRF and IR) are currently in operation and open to external users, a third will start operation by December 2019 and two more beamlines (for X-ray tomography and soft X-ray spectroscopy) are under construction.

Assignment

- Under the supervision of the Scientific Director of SESAME, and in close collaboration with other Scientific and Technical staff, in particular with the senior staff on the Beamline, the successful candidate will be involved in the study of life science samples as well as materials using IR microspectroscopy.
- He/she will collaborate to further developing the IR beamline in order to accomplish the experimental program.
- He/she will provide support to external users.
- He/she will be involved in submitting proposals to suitable funding agencies and establish new research collaborations.
- The successful candidate will spend extended periods of time (up to a few

<p>months) for training at other laboratories. The detailed training program will be tailored on the SESAME needs, on the availability of the hosting institution and the scientific/technical experience of the candidate.</p> <ul style="list-style-type: none"> • He/she will be carrying any other tasks/duties as requested by direct supervisor and/or SESAME's Scientific Director.
Education and Experience
<ul style="list-style-type: none"> • M.Sc in physics, materials science, chemistry, biology or related fields of science (Candidates with PhD will be given preference).
Knowledge, Skills and Abilities
<ul style="list-style-type: none"> • Ability to work effectively in a multicultural environment, and lead a multidisciplinary team of scientists, engineers and technicians. • Excellent oral and written command of English. • Availability to travel and spend extended periods in other Countries
Remuneration
<p>Appointment is made by the SESAME Director. Normally, IR second beamline scientist is hired at P0 – Step II level.</p>
How to apply
<p>A motivation letter and detailed C.V. in English should be addressed to SESAME Administration by filling the Online Submission Form on the announcement page. Candidates from SESAME Members with equal qualification will be given preference. The application would need to include the name of one referee and his/her respective contact details.</p>
For further Information
<p>Consult the SESAME web site: www.sesame.org.jo</p>