BEATS Beamline Scientist

Organ	ization	
(SESA collabo resear archae an ad SESAN suppor excelle SESAN Moreo	ME) is established in Jordan, bration in the Middle East and ch in physics, chemistry, bi cological studies and other res- vanced synchrotron light sou IE (Cyprus, Egypt, Iran (Islam t of the international commu ence open to all qualified scier IE is partner of the BEATS pro- ver, SESAME is partner of OP t supporting, among other	btron-light for Experimental Science and Applications in the Middle East under the auspices of UNESCO. Its mission is to promote international the Mediterranean region using synchrotron light for basic and applied ology, materials science, environmental and medical investigations, search areas of relevance to the region. The centerpiece of SESAME is rece that is being constructed and to be operated by the Members of ic Republic of), Israel, Jordan, Pakistan, Palestine, and Turkey) with the nity. SESAME is an international scientific and technological centre of tists worldwide. ject whose aim is building a Beamline for Tomography at its premises. EN SESAME (http://www.opensesame-h2020.eu/en/), a EU supported activities, staff exchanges between SESAME and various European
Techn	ical Background	
Booste Two be (Mater procur for mie X-Ray	er Synchrotron, and 2.5 GeV E eamlines are presently installe ials Science), components fi ed. Recently the European Co crotomography (BEATS, BEam spectroscopies was approved	E consists of a 22 MeV Electron Preaccelerator, an 800 MeV Electron Electron Storage Ring. The accelerator complex is fully operational. ed at SESAME (XAFS/XRF and IR). One more beamline is being installed or a fourth beamline for Macromolecular Crystallography are being mmission (EC) approved to support the construction of a fifth beamline line for Tomography at SESAME). Funding for a sixth beamline for Soft by the German Helmholtz Association. is started their user activity in 2018.
Assig	nment	
I	Organizational setting of 1. Post grade: 2. Title of the post: 3. SESAME Sector 4. Unit/section: 5.Duty Station: 6.Benefits: 7.Type of contract:	P1 BEATS beamline scientist (Vacancy notice number SS/18/3) Scientific Sector BEATS beamline SESAME site, Allan, Jordan Health insurance, Life and disability insurance, Rental subsides, Education grant. Fixed term, 3 years (first 12 months are probation period). Based on the performance of the selected candidate, the position can be extended.
11		ATS) beamline is the fifth beamline to be installed at SESAME. Its
	ID/Superbend based beamli We look for a highly motiva Scientific Director to provide close contact with the part partners' sites in Europe a meetings, training at existi activities. The successful ca	by the EU, under the H2020 framework, project ID 822535. It is a ine, with double multilayer broad band monochromator. ted beamline scientist who will work under the direct supervision of the e Middle East with excellent research opportunities. He/she will work in ners of the BEATS project and is expected to travel frequently to the lone or together with other technical and scientific staff for technical ng similar facilities, instrumentation testing and other project related andidate is expected to contribute to user assistance as well to the in greed with Scientific Director.
111	Qualifications	
•	scientific fields. Experience with other com Experience in the setting u Knowledge of data analysis Availability to travel and sp	on experience with SR based imaging/tomography methods or related plementary SR methods would represent a plus. up of scientific equipment relevant to synchrotron beamlines.
IV	Responsibilities	

	 Under the supervision of the Scientific Director of SESAME, in close collaboration with the BEATS partners, and with other SESAME Scientific and Technical staff, the main responsibilities of the successful candidate will be: Writing a Conceptual Design Report, in which the main research areas will be highlighted. Writing, on the basis of the existing equipment at SESAME, a Technical Design Report, emphasizing technical solutions to adapt the existing instrumentation to the SESAME ring and to the need of the perspective user community. Coordinating the construction of the Beamline. Proposing and coordinate an in-house scientific program Identifying strategic scientific partners and users in the SESAME members Proposing possible funding opportunity Assisting external users in their measurements at SESAME Carrying out any other tasks/duties as requested by direct supervisor and/or SESAME Directorate. 	
V	Application closing Date The search will start immediately and will continue until a suitable candidate is found	
Employment Conditions		
	 The work provisional starting date is January 1st, 2019 The work location is in Jordan with several journeys The candidate should be available to travel abroad to attend training, meetings, workshops and seminars. The position requires full time commitment. The entry level and salary will be based upon the qualifications, experience and the level of responsibility of the post. In addition to the basic salary the incumbent is entitled to other allowances (installation grant, 	
	education grant, housing subsidy, etc.). 7. The candidate should ideally be a national of a Member of SESAME.	
	8. SESAME is an equal opportunity employer	
Ном	 8. SESAME is an equal opportunity employer v to apply 	