

## FIRST ANNOUNCEMENT: TRAINING AND NETWORKING PROGRAMME FOR YOUNG RESEARCH ADMINISTRATORS AND MANAGERS

### About

Building up human capacity for science administration and management is pivotal to successfully supporting science and knowledge generation at research infrastructures such as SESAME ([www.sesame.org.jo](http://www.sesame.org.jo)). This does not only include administrative and science-supporting processes within SESAME, but also interactions and relations with various stakeholders in the research system around SESAME such as collaborative partners from the academic sector, funding bodies, societal organisations and industry.

Within the OPEN SESAME project ([www.opensesame-h2020.eu/](http://www.opensesame-h2020.eu/)) DESY (Deutsches Elektronen-Synchrotron, [www.desy.de](http://www.desy.de)) and collaborating partners are offering grants for a dedicated training and networking programme for young science administrators and managers from the SESAME Members (Cyprus, Egypt, Iran, Israel, Jordan, Pakistan, the Palestinian Authority and Turkey) to strengthen the role of SESAME in the region. Participants will explore and develop a range of key practices, capabilities and skills associated with the effective management of research infrastructures in an international context, including:

- Understanding the role of research infrastructures within the science system, their life cycle and long-term sustainability
- Defining and determining socio-economic impacts of research infrastructures to society
- Legal, governance and management structures at research infrastructures
- Formulating policies and guidelines in relation to good scientific practice, access policies, internationalisation, technology transfer, intellectual property and data management issues
- Managing human resources
- Financing and funding opportunities

### Programme Structure

The programme consists of two workshop modules to be attended by about 25 participants from SESAME Members. The two workshop modules will take place in Nicosia (Cyprus) at the Cyprus Institute in May 2018 and in Izmir (Turkey) in October 2018. Each will last four days. The programme includes a number of learning sessions run by senior managers and top-level research administrators from well-established research infrastructures and academic institutions. Both modules include case studies, practical sessions and site visits, along with networking and social activities to provide a stimulating learning environment for the participants.

At the end of the first training module the participants will continue, via home assignments, to make potential socio-economic effects of SESAME more tangible. Outcomes will then be further discussed and deepened at the second module. At the end of the two training courses, a set of recommendations and guidelines on maximising socio-economic impacts at SESAME will be formulated by the participants.

### Target Group and Joining the Programme

The courses of the training and networking programme are aimed primarily at young prospective leaders in middle and higher science management and administration at SESAME and in the SESAME Members working at institutions that are supporting or operating scientific research projects and programmes that are relevant and connected to the scientific use and operation of SESAME, such as government bodies, science organisations, academies and funding agencies. As the two modules are interconnected, both workshops in Cyprus and Turkey should be attended by the same participants.

Participation is by invitation only and granted through an application process based on this call.

### Module 1: Courses in Cyprus – 7- 10 May 2018 at the Cyprus Institute (Cyl)

Topic	Content
<b>Research Infrastructures and their Role in the Science System</b>	Fundamentals, definitions and principles; life cycle of RIs from design to decommissioning
<b>Long-Term Sustainability of Research Infrastructures</b>	Pre-conditions for long-term sustainability (innovation potential, data, skills, governance and funding, international outreach)
<b>Socio-Economic Environment of Research Infrastructures</b>	Impacts of RIs on science, economy, society/public
<b>Governance and Organisation</b>	Organisational structure and design, mission and vision, peer review, technical evaluation, open access, proposal system
<b>Interactions with Users</b>	User communities, user offices, integration of users into RI strategy
<b>Raising Awareness/Outreach</b>	Identification of relevant stakeholders, target communication to different groups, communicating value creation and impact
<b>Strategy Processes &amp; Road Mapping</b>	Introduction to elements of research strategy, examples of roadmaps: EU, ESFRI <sup>1</sup> , Asia, US
<b>Innovation &amp; Technology Transfer</b>	Industrial synchrotron usage, technology transfer via procurement, intellectual property rights

### Module 2: Courses in Turkey – 8 - 11 October 2018 in Izmir, Turkey

Topic	Content
<b>Project Management</b>	Project planning, risk management, change management
<b>Human Resources</b>	Recruitment, career development, mobility, equal opportunities, diversity
<b>Finances</b>	Estimating, costing and budgeting; funding sources and financial instruments, EU funding opportunities
<b>Data management</b>	Open data management policy, FAIR <sup>2</sup> data principles

### Application Process and Contact

Interested candidates working in science management and administration at the SESAME Members (Cyprus, Egypt, Iran, Israel, Jordan, Pakistan, the Palestinian Authority and Turkey) who wish to apply should submit, **no later than 31 December 2017**, the following documents in electronic form to [ri-training@desy.de](mailto:ri-training@desy.de):

<sup>1</sup> ESFRI – European Strategy Forum on Research Infrastructures

<sup>2</sup> FAIR - a set of guiding principles in science data management to make data **F**indable, **A**ccessible, **I**nteroperable, and **R**e-usable

- A one-page motivation letter explaining why he/she would like to participate in the training modules (incl. connection and relevance of professional work to SESAME) and how the attendance might benefit his/her future professional activities
- A biography/CV giving a complete account of his/her educational and professional background
- A letter of recommendation from his/her current employer

The SESAME management and the delegates of the SESAME Council are also invited to identify suitable candidates who may apply. Applications from female candidates are strongly encouraged.

Successful candidates are expected to be well-qualified young professionals in science management and administration involved in work related to research infrastructures and SESAME in the widest context, and personal qualities that ensure that they are good representatives of their respective organisation and/or country.

Candidates wishing to participate at both modules must first apply. Selection will then be made by an international committee within the H2020 OPEN SESAME project consortium based on the candidates' professional background and accomplishments, their motivation and the relevance of their present and/or future work to SESAME, with careful consideration given to gender and institutional/regional/national representation.

Sixteen full grants (travel and accommodation) from the H2020 OPEN SESAME project will be offered to successful candidates to allow them to attend the two workshop modules in Cyprus and Turkey. The attendance of further participants may be permitted if their travel and accommodation is covered by their own funding sources.

#### **Organiser and Contact:**

The event is organised under the H2020 OPEN SESAME project by the Deutsches Elektronen-Synchrotron DESY ([www.desy.de](http://www.desy.de)) and collaborating partners.

Main contacts at DESY are:

Frank Lehner, [frank.lehner@desy.de](mailto:frank.lehner@desy.de)

Stephan Haid, [stephan.haid@desy.de](mailto:stephan.haid@desy.de)

Applications sent to: [ri-training@desy.de](mailto:ri-training@desy.de)

