



Training Committee Report

Javad Rahighi

SESAME Training Advisory Committee Meeting

September 8 - 9, 2011

ICTP, Trieste – Italy

Training Committee Members:

Dia Eddin Arafah (Jordan)

Said A. Assaf (Palestinian Authority)

Javaid Bashir (Pakistan)

Steve Jones (United Kingdom)

Aisha Mohamed Mohamed Moustafa (Egypt)

Adel M. Qabazard (Kuwait)

Osamu Shimomura (Japan)

Jean Susini (France)

Joseph Niemela (ICTP)

Javad Rahighi (Chair, Iran)

One vacancy (for Bahrain)

Overview of SESAME Training Advisory Committee activities

2002-2011

Activities focused on :

- 1) Machine Technical staff training
- 2) Capacity building of Synchrotron Radiation users and accelerator related subjects in the region.

Some statistics

- Machine training :
 - 15 trainees in 6 European Laboratories, during 2002-2003.
 - 2 other RF engineers joined SESAME in 2005.

Total : 17

At present non of these trainees are working for SESAME

Some statistics

continued....

- Capacity building of Synchrotron Radiation users and accelerator related subjects in the region:

SESAME Users Meeting

1st Meeting Users Meeting, 2002	<u>85</u> participants
2nd Meeting Users Meeting, 2003	<u>80</u> participants
3rd Meeting Users Meeting, 2004	<u>105</u> participants
4th SESAME Users Meeting , 2005	<u>98</u> participants
5th SESAME Users Meeting, 2006	<u>125</u> participants
6th SESAME Users Meeting, 2007	<u>120</u> participants
7th SESAME Users Meeting, 2008	<u>106</u> participants
8th SESAME Users' Meeting, 2009	<u>110</u> participants
9th SESAME Users' Meeting, 2010	Cancelled due to earthquake in Japan

Capacity building Continued.

- **SESAME Users Meeting**
&
JSPS –SESAME School : ~ 800
 - **JUAS :** ~ 40
 - **NSRRC:** 9 (MoU signed)
 - **Synchrotron Radiation summer School, Daresbury Laboratory:** 10
 - **CERN Accelerator Schools:** 5
 - **LNLS :** 1
 - **CELLS-ALBA :** MoU signed but none trained
 - **FCT (Portugal) :** 4 (MoU signed)
 - **SSRF (China) :** Agreed to train 3
 - **Diamond :** Work in progress
 - **DOE :** None (DOE Contributed to funding in the USA)
- Total no of trainees: ~1000**

Signed MOUs

Laboratory	MOU status
FCT (Portuguese Foundation for Science and Technology)	4 fellowships /year in Portugal for SESAME scientists.
Paul Scherrer Institute	Effective since 1st of August 2009
ICTP	remain in force for a period of five years
CELLS- ALBA, Spain	remain in force for 3 fellowships / year for a period of 3 years
NSRRC	3 fellowships /year remain in force for a period of five years
LNLS (Brazilian Synchrotron Light Laboratory	Lack of communication
DIAMOND	MOU is to be signed for 3 fellowships/year
Chinese Academy of Sciences (SSRF)	MoU to be signed. 3 fellowships of 3months offered

Problems and challenges

1. Problem with the MoU's

- Terms & conditions :

Due to various constraints attached to MoUs most of the opportunities can not be exploited.

Examples :

LNLS	discontinued
NSRRC 2010	lost
NSRRC 2011	lost
NSRRC 2012	lost
ALBA 2010	lost
ALBA 2011	lost

Problems and challenges

1. **Lack of authority for Training Committee**
2. **Visa Problems , experienced in particular for :**
 - **JUAS**
 - **SESAME Users meeting**
3. **Lack of funds for training**
4. **Lack of proper procedure for :**
 - **Selection of trainees**
 - **Monitoring trainees progress**
 - **Refreshing laboratories with new trainees every year**
5. **Lack of Communication (between members of TrAC)**

Thank you for your attention ...