



14th SESAME Users Meeting
3rd – 4th December, 2016

Days Inn Hotel, Amman, Jordan

Scientific Program

1st Day
Saturday, December 3rd, 2016

08:30 – 9:30	Registration & Poster Hanging
9:30 – 10:00	Welcome and Opening Session
10:00 – 10:30	Coffee Break + Group Photo
10:30 – 10:50	“Recent Developments of the SESAME Accelerator Complex” Erhard Huttel
10:50 – 11:10	“Scientific Program Perspectives of SESAME” Giorgio Paolucci
11:10 – 11:30	“Towards User Access to SESAME: the SESAME User Committee (SUC)” Özgül Öztürk
11:30-12:00	“The Open SESAME EU project: an Opportunity for SESAME and its User Community” Edward Mitchell
12:00-12:30	"A New Twist of the Solid-State Chemistry: Dynamic Molecular Crystals" Pance Naumov
12:30 – 13:00	“The Virtual Research Environment: Vi-SEEM Project” Salman Matalgah
13:00 – 13:45	Lunch Break + Poster Session (Hosted by: JAEC)
14:00-15:00	Practical sessions (1, 2) [Session's duration is 30 minutes each] (1): “Proposal writing and Access: Science and methodology” SESAME User Committee (SUC) (2): “Demonstration of SESAME Users’ Office” Giorgio Paolucci
15:10	Departure to SESAME Site (Vouchers at the Registration Desk) <i>* For the visit to SESAME, service buses will be waiting at the entrance of the “Days Inn” hotel. The buses will depart to SESAME site at 15:10 pm. Please, make sure to be present in front of the hotel entrance at least 5 minutes before the departure time. ACCESS TO BUSES WILL BE STRICTLY ALLOWED TO VOUCHERS’ HOLDERS.</i>
16:00 – 17:00	SESAME Site Tour
17:15	Departure to Amman
20:00 – 21:30	Dinner

2nd Day
Sunday, December 4th, 2016

08:30 – 09:10	“Science at Elettra and FERMI” (provisional) <i>Maya Kiskinova (Invited)</i>
09:10-09:50	“Infrared beamlines at Synchrotron Facilities: Worldwide Status, Present and Challenging Perspectives ” <i>Paul Dumas (Invited)</i>
09:50-10:10	“FIR (THz) spectroscopy of semiconductor based Low dimensional electronic systems” <i>Mehdi Pakmehr</i>
10:10 – 10:30	Coffee Break + Posters’ Session
10:30-11:10	“Efforts towards 1st protein crystal structure determination in Pakistan with recent updates” <i>Muhammad Imran (Invited)</i>
11:10-11:40	“PILATUS 300K for SESAME’s Material Science Beamline” <i>Dubravka Jung (Invited)</i>
11:40-12:00	“Novel graphene-titania interfaces as a potential catalytic material towards clean energy production” <i>Naila Jabeen</i>
12:00-13:00	Lunch Break + Poster Session
13:00-15:00	Thematic Parallel Workshops (A & B)
15:00	Closing Session and Best Poster Award

2nd Day
Sunday, December 4th, 2016

Parallel Thematic Workshops (A & B)

(A): Synchrotron Radiation and Life Sciences		
13:00 – 13:30	“Current Status and Progress of SESAME Infrared Beamline”	G. Kamel
13:30- 13:45	“Benign and Malignant Human Breast Tissues Diagnosis: IR-Micro spectroscopic Approach”	S. Rehman
13:45-14:00	“Dielectric Spectroscopy Measurements on Collagen Blends”	A. Refaat
14:00- 14:15	“Study of Historical Parchments by FTIR & XRD Techniques”	M. Darzi
14:15-14:30	“Mapping of Ancient Teeth Using Vibrational Spectroscopy FTIR and Raman”	W. Sekhaneh
14:30-14:45	“Vi-SEEM Concept and Tutorials”	M. Al-fraheed
14:45-15:00	“Structural Studies on Z. Mobilis Levansucrase”	B. Bakar

(B): Synchrotron Radiation for Environment and Energy		
13:00 – 13:30	“SESAME Materials Science Beamline” Abdellatief*	M. Harfouche and M.
13:30- 14:00	“Beamlines Optical Systems and Ray Tracing”	H. Khosroabadi
14:00- 14:15	“Crystal and Electronic Structure Properties of the Sm _x Fe _{1-x} BO ₃ Oxides”	O. Ozkendir
14:15-14:30	“Local Structure and Cation Distribution in CoLa _{0.15} Fe _{1.85} O ₄ as a Function of the Synthesis Method Determined by X-ray Absorption Spectroscopy” N. Imam	
14:30-14:45	“EXAFS Studies of Nanostructured Finemet-type Alloys”	Y. Swilem
14:45-15:00	“Synchrotron Based Photoemission Studies of (Ga, Mn)As”	I. Ulfat