



15<sup>th</sup> SESAME Users Meeting (18<sup>th</sup> – 19<sup>th</sup> December, 2017)  
Gerasa Hotel, Amman, Jordan

## Scientific Programme

1<sup>st</sup> Day: Monday, December 18<sup>th</sup>, 2017

8:30 – 9:30	<b>Registration &amp; Posters Hanging</b>
9:30 – 10:30	<b>Opening Session and Group Photo</b>
10:30 – 11:00	<b>Break and Posters Session</b>
11:00 – 11:30	“Scientific Program Perspectives of SESAME” <i>Giorgio Paolucci</i>
11:30 – 12:00	“Towards User Access to SESAME: the SESAME User Committee (SUC)” <i>Özgül Öztürk</i>
12:00 – 12:30	“The Open SESAME EU project: progresses” <i>Edward Mitchell</i>
12:30 – 13:00	“Communicating on your terms - how you can achieve impact without dumbing down” <i>Christopher Jameson and Anthony Prideaux</i>
13:00-14:00	<b>Lunch and Posters Session</b> Lunch hosted by Jordan Atomic Energy Commission (JAEC) and Jordanian National Committee for SESAME
	PARALLEL SESSIONS
14:00-16:00	A. “SESAME IR Microspectroscopy Beamline for Multidisciplinary Science” <i>Gihan Kamel</i> “SESAME Macromolecular Crystallography Beamline Progress” <i>Hossein Khosroabadi</i> “Case studies on IR synchrotron applications: analysis of cystic fibrosis cell models and evaluation of the degradation process in artwork cross-sections” <i>Mariangela Cestelli Guidi</i> “Challenges and future of Synchrotron Infrared Beamlines” <i>Paul Dumas</i>
	B. “SESAME XAS/XRF Beamline Techniques and Applications” <i>Messaoud Harfouche</i> “SESAME Material Science Beamline Status” <i>Mahmoud Abdellatif</i> “Boron Displacement Determination in the Boron Substituted LiCrO <sub>2</sub> Battery Cathode” <i>O. Murat Ozkendi</i> “In situ synchrotron X-ray powder diffraction for studying the role of induced structural defects on the thermoluminescence mechanism of nanocrystalline LiF” <i>Mostafa El Ashmawy</i>
	C. “Practical workshop on media engagement” <i>Christopher Jameson and Anthony Prideaux</i>
16:00-16:30	<b>Break and Posters Session</b>
16:30-17:15	“Quantitative Analysis of Cements by Synchrotron Radiation Techniques” <i>Miguel A. G. Aranda</i>
	USERS' SELECTED ORAL TALKS
17:15-19:00	“First experiments at SESAME synchrotron combining IR and XAFS/XRF techniques on archaeological hair, bone and teeth from the Eastern Mediterranean and the Near East” <i>Kirsi Lorentz, Gihan Kamel, Messaoud Harfouche</i>
	“Application of Raman Spectroscopy on Experimental Samples to study the behaviour of natural binders in archaeological Coptic Icons” <i>AbdelRahaman Medhat</i>
	“High resolution powder diffraction ( $\mu$ -XRPD) using for characterization of early ancient glasses objects from Iran” <i>Seyed Mohammadamin Emami</i>
	“X-ray Crystallographic Study of Targeted Bioactive Compounds” <i>Ahmed F. Mabied</i>
	“Investigating the Valence Band Structure of (Ga, Mn)As” <i>Intikhab Ulfat</i>

2<sup>nd</sup> Day: Tuesday, December 19<sup>th</sup>, 2017

9:00 – 9:45	"X-ray Absorption Spectroscopy: Applications, Promise and Potential" <i>Graham George</i>
09:45-10:15	"Vi-SEEM EU Project" <i>Andreas Athenodorou</i>
10:15-10:45	Closing Session
11:00 SHARP	Departure to SESAME (Vouchers at the Registration Desk) * For the visit to SESAME, service buses will be waiting at the entrance of the Gerasa hotel. The buses will depart to SESAME site at 11:10 am. <i>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>
12:00 – 13:00	SESAME Site Tour
13:00-13:30	Break
13:45 SHARP	Departure to Amman (for USERS)



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