



**17th SESAME Users Meeting
 & ESUO Regional Meeting 2019**
 SESAME, Allan (Jordan)
 November 30 - December 1, 2019



Scientific Program

1st Day: Saturday, November 30th, 2019

8:30 – 9:30	Registration and Posters' hanging
9:30 – 10:30	Opening Session
10:30	GROUP PHOTO
10:30 – 11:00	Coffee Break and Posters' Session
11:00 – 11:30	"SESAME Scientific programme - updates and plans" Giorgio Paolucci
11:30 – 12:00	"XAFS/XRF beamline @ SESAME for Variety of Applications" Messaoud Harfouche
12:00 – 12:30	"SESAME IR Beamline: one year of operation" Gihan Kamel
12:30 – 13:00	"MS beamline status and updates " Mahmoud Abdellatif
13:00 – 14:30	Lunch and Posters' Session - lunch offered by JAEC (Jordan Atomic Energy Commission)
14:30 – 15:15	"Synchrotron IR reveals the metal transition of hydrogen at extreme high pressure" Paul Dumas
15:15 – 15:45	"OPEN SESAME training - conclusions, impact, appraisal" OPEN SESAME EXEC Board
15:45 – 16:15	"HESEB - The Helmholtz-SESAME soft X-ray beamline" Annick Froideval
16:15 – 16:45	"BEATS Tomography beamline " Axel Kaprolat, Alexander Rack and Kirsi O. Lorentz
16:45 – 17:00	"BEATS scientific case: involving SESAME Users Community" Axel Kaprolat, Giorgio Paolucci and Kirsi O. Lorentz
17:00 – 17:20	Coffee Break and Posters' Session
17:20 – 18:45	SESAME TOUR

2nd Day: Sunday, December 1st, 2019

9:00 – 9:20	"Mapping of Ancient Teeth using SR-FTIR Spectroscopy"	Wassef Sekhaneh
9:20 – 9:40	"Investigation of percutaneous permeation of novel losartan salts using In-vitro diffusion and IR microscopy techniques"	Randa Mansour
9:40 – 10:00	"Change in Native Structure of In-Situ Crosslinked Collagen Nanofibers"	Murat Kazanci
10:00 – 10:20	"Unravelling Organic Materials in Petra's Nabataean Gilded Wall Paintings"	Maram Naes
10:20 – 10:40	"Characterization of U937 human monocytic cells stimulated by Syndecan-1 knockdown non-inflammatory and inflammatory breast cancer cell lines: Synchrotron IR Microspectroscopy"	Hossam Mohamed
10:40 – 11:00	'SR-FTIR and Global source FTIR in exploring organic compound preservation in 5000 year old human hair'	Kirsi Lorentz
11:00 – 11:20	Coffee Break and Posters' Session	
11:20 – 11:45	"Utilizing hard x-rays with XAS technique in rechargeable battery applications"	Sevda Avci
11:45 – 12:10	"Dry Reforming of Glycerol: New Insight on Catalytic Activity and Stability"	Zafer Say
12:10 – 12:25	"XAFS Study of the Boron Doped ZnO Materials"	Osman M. Ozkendir
12:25 – 12:50	"XAFS and XPS study of Metal oxide Semiconductors"	Muhammad Arshad
12:50 – 14:00	Lunch and Posters' Session	
14:00 – 14:10	ESUO REGIONAL MEETING - Opening Session	
14:10 – 14:50	"The activities of the European Synchrotron and Free Electron Laser User Organisation (ESUO) for even brighter European Photon Science"	Ulrich Pietsch
14:50 – 15:20	"Applications of the EXAFS spectroscopy to the structural investigation of nanomaterials"	Shehab E.Ali
15:20 – 15:50	"Being a Synchrotron User: A Few Years and Looking Ahead"	Hanan Sa'adeh
15:50 – 16:10	Coffee Break and Posters' Session	
16:10 – 16:40	"The Synchrotron and Eye"	Amir S. Rozatian
16:40 – 17:10	"Electronic and Magnetic Structure Studies at Synchrotron Facilities in Europe"	Osman M. Ozkendir
17:10 – 17:00	"Accessing European synchrotron radiation facilities: Case studies from Human Bioarchaeology"	Kirsi O. Lorentz
18:00 – 18:30	"Synchrotron X-rays for everyone: Why and how?"	Ercan Alp
18:30 – 18:45	Closing Remarks	

