



## 2<sup>nd</sup> International Workshop on Synchrotron Radiation and Applications

### SESAME in Palestine

Sunday 31<sup>st</sup> March - Monday 1<sup>st</sup> April, 2019

*An-Najah National University, New Campus, Nablus, Palestine*

**Opening:** Auditorium of Law Faculty (في مدرج القانون)

**Lectures:** Meetings Room, Science Faculty, قاعة الاجتماعات كلية العلوم

#### Day 1: March 31<sup>st</sup> 2019

Time	Title	Speaker
8:30	Registration and Welcoming	
9:00 - 10:20	Opening Speech of An-Najah University Speech of the deanship of science Establishment a Magnetic measurement Lab at SESAME in collaboration with European Partners Speech of the ministry of education Introduction to SESAME & Synchrotron Awarding the international speakers	Ahmed Bassalat-moderator Acting President of An-Najah University (Prof. Maher Natsheh) Dean of science, Dr. Maen Ishtaiwi Hadil Abualrob, Member of Palestinian - National committee for SESAME Minister of Education, Dr. Sabri Saidam Ricardo Bartolini (Technical Director of SESAME) Plenary Talk
10:20 - 11:00	Networking Discussions over a Coffee	All participants
11:00 - 11:40	Introduction to Free Electron Laser	Marie Emmanuelle Couprie (SOLEIL)
11:40-12:00	An overview of the magnetic measurement lab at SOLEIL Future project: SESAME-An-Najah-SOLEIL	Charles Kitegi (SOLEIL)
12:00 - 12:20	Engines and volcanos Synchrotron X-ray studies of dynamic high-temperature processes.	Robert Atwood (DIAMOND)
	Palestinian Researchers talks and Discussions:	



12:20 – 13:00		
	A high temperature-high pressure microreaction system for in situ synchrotron X-ray studies of chemical reaction processes: application to CO <sub>2</sub> sequestration, enhanced geothermal systems, and metal corrosion under extreme conditions	Hamdallah Bearat An-Najah U
	Solid State Spectroscopic analysis of novel N-Cu(II) complexes	Ismail Warad
	Characterization of Dissolve Organic Matter in Wadi Al-Badan using Fourier Transform Infrared Microspectroscopy in SESAME	Sameer Shadeed
	Gas Phase Reactions in the Hot-Wire Chemical Vapor Deposition Process"	Ismail Badran
13:00 – 14:15	<a href="#">Networking lunch</a>	On site
14:15 – 14:35	<a href="#">Science to explore with high-resolution tomography</a>	Christoph Rau (DIAMOND)
14:35- 14:55	<a href="#">The use of X-ray CT in Geotechnics, Geochemistry and Rocket Science</a>	Sharif Ahmed (DIAMOND)
14:55 – 15:15	<a href="#">SESAME-Diamond Project</a>	Ali Al-Zoubi (DIAMOND)
15:15 – 15:45	<a href="#">How to become a User at SESAME</a> <a href="#">How to submit a proposal</a>	Greta Facile (SESAME)
15:45	<a href="#">Excursion to the old city of Nablus</a>	
19:00	<a href="#">Back to the Hotel</a>	
20:00	<a href="#">Workshop Dinner</a>	



**Day 2: April 1<sup>st</sup>, 2019**

Time	Title	Speaker
09:00 - 09:30	<a href="#">Towards laser plasma based free electron laser, the COXINEL experiment</a>	Marie Emmanuelle Couprie (SOLEIL)
09:30 - 10:00	Online connection with SESAME & SOLEIL	Messaoud Harfouche (SESAME) Olivier Marcouillé (SOLEIL)
10:00 - 10:30	Coffee Break	
10:30 - 12:00	Palestinian Researchers talks and Discussions	
	PIV in Multiphase Flow	Ihab Alsurakji
	Air Quality, Solid Waste Management, and Water Resources	Abdelhaleem Khader
	Microwave characterization of multi walled carbon nanotubes composites	Muna Hajjyahya
	The difficulties we are facing in research	Shehdeh Joudeh
12:30 - 13:00	Concluding remarks	Ahmed Bassalat
13:00 - 14:00	Lunch and Departure	

**End of program**

<https://www.najah.edu/en/events/sesame2019/>