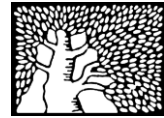




Workshop Program - May 22nd

MORNING SESSION (The Helen and Martin Kimmel Hall)

Session Chair:	<i>Eyal Shimoni, ISM Chairperson</i>	
09:30 - 09:45	<ul style="list-style-type: none"> • Prof. Michael Elbaum, Weizmann Institute of Science - opening remarks • Presentation of the ISM Honorary Fellowship to Prof. Reshef Tenne 	
	Detectors in Microscopy	Introduction to Image Analysis with FIJI
Session Chair:	Zahava Barkay, Tel-Aviv University	Ofra Golani, Reinat Nevo, Vyacheslav Kalchenko, Weizmann Institute of Science
09:45 - 10:20	Dominique Delille, FEI LATEST DEVELOPMENTS IN S/TEM DETECTION EFFICIENCY FOR IMAGING AND ANALYSIS IN MATERIALS SCIENCE APPLICATIONS	INTRODUCTION TO IMAGE ANALYSIS WITH FIJI - A HANDS-ON WORKSHOP
10:20 - 10:55	Paul Spellward, GATAN CATHODOLUMINESCENCE: TECHNIQUES, TECHNOLOGY AND APPLICATIONS	
10:55 - 11:15	Coffee Break	
Session Chair:	Ronit Popovitz-Biro, Weizmann Institute of Science	Ofra Golani, Reinat Nevo, Vyacheslav Kalchenko, Weizmann Institute of Science
11:15 - 11:50	Heike Soltau, PNDetector FIVE YEARS OF EXPERIENCE WITH 4D (S)TEM IMAGING USING THE PIXELATED PNCCD (S)TEM CAMERA	INTRODUCTION TO IMAGE ANALYSIS WITH FIJI - A HANDS-ON WORKSHOP (cont.)
11:50 - 12:25	Keith Dicks, Oxford Instruments NanoAnalysis MAXIMIZING SPATIAL RESOLUTION AND SURFACE SENSITIVITY FOR EDS - WINDOWLESS EDS OPTIMIZED FOR LOW KV OPERATION, FOR LIGHT ELEMENT ANALYSIS AND HIGH SPATIAL RESOLUTION IN SEM.	
12:25 - 12:45	Andreas Makat, EDAX HIGH SPEED EDS DATA OUTPUT WITH QUALITY PERFORMANCE METRICS	
12:45 - 13:30	Lunch	



Workshop Program - May 22nd - cont.

AFTERNOON SESSION (The Helen and Martin Kimmel Hall)		
	Detectors in Microscopy	Introduction to Image Analysis with FIJI
Session Chair:	Edith Suss-Toby , Technion - Israel Institute of Technology	Ofra Golani, Reinat Nevo, Vyacheslav Kalchenko , Weizmann Institute of Science
13:30 - 14:05	Romina Macco , Bruker COMBINING SUPER RESOLUTION MICROSCOPY FOR FAST, DEEP, HIGH-QUALITY 3D IMAGING IN FIXED AND LIVING SAMPLES WITH MULTIPOINT SCANNING CONFOCAL OPEN NEW RESEARCH HORIZONS	INTRODUCTION TO IMAGE ANALYSIS WITH FIJI - A HANDS-ON WORKSHOP (cont.)
14:05 - 14:40	Aaron Lewis , The Hebrew University of Jerusalem, Israel ALL MODES OF SUPER-RESOLUTION OPTICAL CONTRAST WITH SINGLE CHANNEL DETECTORS	
14:40 - 15:10	Dan Oron , Weizmann Institute of Science, Israel AN OVERVIEW OF RECENT ADVANCES IN PHOTON DETECTION TECHNOLOGY	
15:10 - 15:30	Coffee Break	
HANDS-ON WORKSHOP (The WIS Electron Microscopy Unit)		
15:30 - 17:00	<ul style="list-style-type: none"> • SUPER RESOLUTION LIGHT MICROSCOPY (STORM) • ADVANCED 3D TRANSMISSION ELECTRON MICROSCOPY AND IMAGING • ENVIRONMENTAL SEM • CATHODOLUMINESCENCE & LOW VOLTAGE SEM • CRYO-SEM • CRYO-SECTIONING • 3D IMAGING WITH FIB/SEM • MICRO CT 	
17:00	Departure	