



COSPAR- Nano-Satellite Capacity Building Workshop

Tel Aviv University, 27- 31 Oct 2019

PROGRAMME SCHEDULE

Date	Time		
Sunday, 27 Oct 2019			Arrival day
	14:00		Check in at " Bnei Dan– Tel Aviv hostel"
Date	Time	Location	
Day 1 Monday, 28 Oct 2019	07:00 – 07:45		Breakfast
	08:00		Transportation to Tel Aviv University
	08:30- 08:40	Porter Bldg. Room 106	Workshop Opening: Carlos Gabriel, COSPAR Panel for Capacity-Building –Chair
	08:40-08:50		Workshop Opening: Colin Price, Head of Environmental Studies, Tel Aviv University
	08:50-09:00		Workshop Opening: Meir Ariel, Director of the Tel Aviv University Nano Satellite Center, COSPAR CBW- Co-Chair
	09:00-10:30		Meir Ariel, Tel Aviv University: "New Space"
	10:30- 10:45		Coffee Break
	10:45-12:15		Colin Price, Head of Environmental Studies, Tel Aviv University: "Earth Observations from Space"
	12:15-13:00		Lunch
	13:00 – 13:50		Morris Podolak, Tel Aviv University: "Using Spacecraft for Planetary Science"
	14:00-14:50		Yuval Reuveni, Ariel University: "Using GPS technology in Earth sciences"
	14:50-15:00		Coffee Break
	15:00-15:50		Eyal Ben-Dor, Tel Aviv University: "Hyperspectral remote sensing from space: past, present and future missions"
	16:00-17:30		"Being young in Israel"- Israeli Students Panel
	17:30-18:30		Porter Bldg. rooftop
18:30			Transportation to the Hostel
Date	Time	Location	
Day 2 Tuesday, 29 Oct 2019	07:00 – 08:00		Breakfast
	08:15		Transportation to Tel Aviv University
	9:00-10:30	Porter Bldg. Room 106	Netanel Levi, Israel Aerospace Industries: "Physical Principles in the Navigation of the Beresheet Spacecraft"
	10:30-10:45		Coffee Break
	10:45-12:15		Jay Harwood, Israel Aerospace Industries: "Introduction to low earth orbits for satellite communication and observation"
	12:30- 13:30		Lunch
	13:30- 15:00		Natalie Frenkel, Israel Aerospace Industries: "Nano-Satellite Integration and Testing"



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	15:00-15:15		Coffee Break	
	15:15-16:15		Meir Ariel, Tel Aviv University: "Elements of NanoSat Design"	
	16:30		Transportation to the Hostel	
			Free evening in Tel Aviv	
Date	Time	Location		
Day 3 Wednesday, 30 Oct 2019	07:00 – 08:00		Breakfast	
	08:15		Transportation to Tel Aviv University	
	8:45 - 09:45	Porter Bldg. Room 106	Haim Eshed, Chairman, Israel Space Committee: "Israeli Space Program"	
	09:45 - 10:45		Noah Brosch, Tel Aviv University: "Can we do valuable astronomical observations using cubesats?"	
	10:45-11:00		Coffee Break	
	11:00- 12:00		Yoav Yair, IDC Herzliya: "Observations of transient luminous events (TLEs) from space platforms"	
	12:00-13:00		Michal Segal Rosenheimer, Tel Aviv University: "The Earth's Atmospheric composition as seen by Satellites"	
	13:00-14:00		Lunch	
	14:00- 15:00		Wolfson Bldg. Room 130	Dan G. Blumberg, Ben-Gurion University: "BGUSAT: An Earth observing nanosat"
	15:00- 15:30	Aviran Sadon, Ben-Gurion University: "Satellite Attitude Control"		
	15:30-15:45	Coffee Break		
	15:45- 16:45	Shay Zucker, Tel Aviv University: "Introduction to Extrasolar Planets"		
		17:00		Transportation to the Hostel
	Date	Time		
Day 4 Thursday, 31 Oct 2019	07:00 – 08:00	Breakfast		
	08:00	Transportation to Technion – Israel Institute of Technology		
	10:00-11:00	Wind Tunnel Complex visit		
	11:00-12:00	Pini Gurfil, Head of the Asher Space Research Institute: "Nano satellites and the SAMSON Swarm"		
	12:00-13:00	Igal Kronhaus: "Electric micropropulsion research at the Technion"		
	13:00- 14:00	Lunch		
	14:00- 15:00	Asher Space Research Institute visit (i) SAMSON project - clean room and ground station visit (ii) Distributed Space Systems Lab (DSSL)		
	15:00-16:00	Autonomous Navigation and Perception Lab visit		
		16:00-18:00	Transportation to Tel Aviv	