

# The 5th Israeli Conference on Robotics 2016

Airforce Center, Herzliya

April 13-14, 2016

**Wednesday, 13 April**

8:00	Registration			
9:00	<b>Opening Session</b>			
9:30	<b>Robotics in the Future Battlefield</b> , Maj. General (ret) Gadi Shamni, VP Land Systems, IAI			
10:00	<b>Computer vision meets machine learning and human cognition</b> , Prof. Shimon Ullman, Weizmann Institute of Science			
10:30	Coffee break			
	<b>Track 1 Auditorium</b>	<b>Track 2 Pilot's Club</b>	<b>Track 3 Classroom 1</b>	<b>Track 4 Classroom 2</b>
11:00	<b>Panel: Robotics as an economic and social growth engine</b>	Robots in Agriculture	Motion Planning	Human-Robot Interaction
12:30	Lunch			
13:30	<b>Opportunities in the Chinese Market</b>	Rehabilitation and Assistive Robotics	Dynamics and Control 1	Education and Robotics 1
14:45	<b>Opportunities in Global Markets</b>	Robotics and the Internet	Dynamics and Control 2	Education and Robotics 2
15:45	Coffee break			
16:15	<b>Opportunities and Challenges--Depth Analysis of the Chinese Robot Industry</b> , Dr. Daokui Qu, President, Siasun Robotics and Automation			
16:35	<b>Robots for Good: An Assessment of the Contribution of Robotics to Quality-of-Life</b> , Prof. Steven Dubowsky, MIT			
17:05	<b>From Geometry to Startups</b> , Prof. Zexiang Li, Hong Kong University of Science and Technology			
17:35	<b>Welcome notes by IFToMM President</b> , Prof. Marco Ceccareli			
17:45	Closing			

**Thursday, 14 April**

8:00	Registration			
9:00	<b>Robotics at Intel</b> , Lior Storfer, Intel			
9:30	<b>The da Vinci Surgical System and an overview of soft tissue surgical robotics</b> , Dr. Jonathan Sorger, Intuitive Surgical			
10:00	Coffee break			
	<b>Medical robotics (ISRACAS)</b>	<b>Track 2 Pilot's Club</b>	<b>Track 3 Classroom 1</b>	<b>Track 4 Classroom 2</b>
10:30	<b>Medical Robotics 1</b>	Robotics in the Industry	Ground Robotic Vehicles	Marine and Aerial Robotics
12:00	Lunch			
13:00	<b>30 years to the first robotics revolution</b>			
14:00	<b>Young Researchers Forum</b>			
15:00	Coffee break			
15:30	<b>Medical Robotics 2</b>	Multi-Robot Systems 1	SLAM and Autonomous Navigation	
16:20	<b>Medical Robotics 3</b>	Multi-Robot Systems 2	Music and Sound	
17:10	Closing			