



Space Florida Board of Directors
Meeting Agenda

May 15, 2019
12:30 a.m. – 1:00 p.m.

Call-in Number: 866-528-2256 Guest Code: 4875556 #	TELECONFERENCE
Agenda Items	
Call to Order	Lt. Gov. Nuñez
Welcome & Introductions	Lt. Gov. Nuñez
Roll Call	Elizabeth Loving
Public Comments	Lt. Gov. Nuñez
Business Before the Board	
<p>1. <u>Florida-Israel Innovation Partnership Grant Awards</u></p>	<p>Frank DiBello/ Howard Haug</p>
Closing Remarks / Adjournment	Lt. Gov. Nuñez

Florida-Israel Innovation Partnership Grant Awards



Florida-Israel Innovation Partnership CALL FOR PROJECTS, 2019 (Sixth Round)

	Florida Respondents	Israeli Respondents	Project Description	Term	Request	Space Flight (Y or N)
1)	Harris Corporation Palm Bay, FL	Nano Dimension Israel	Development of 3D printing materials on the ISS, for future, lower-cost manufacture of small-satellites	24 months	\$250,000	Y
2)	Lockheed Martin Space Systems Kennedy Space Center, FL	StemRad, Ltd. Israel	Final development and testing on the EM-1 / Orion mission of AstroRad, a wearable astronaut radiation shield.	24 months	\$250,000	Y
3)	T2C-Energy, LLC Subs: University of South Florida (USF), US-CleanTech, and Renovare Fuels Pinellas Park, FL	Doral Environmental Infrastructures 2015 L.T.D. Israel	Research on a pilot demonstration for conversion of wastewater, crop residues & derived biogas, into diesel, jet-fuel, & space applications.	24 months	\$400,000	N
4)	BoMax Hydrogen, LLC Lake Mary, FL	NanoSpun Technologies, Ltd. Israel	Development of advanced Fiber/Fabrics Encapsulated hydrogen Production catalyst for Aerospace & Energy applications.	18 months	\$250,000	N
5)	General Capacitor, LLC Tallahassee, FL	Becker Create Israel	Research & develop a load-leveling system to integrate solar power and energy storage to supply a load to a small living unit, as in remote outposts on the Moon & Mars.	16 months	\$359,548	N
6)	Aviana Molecular Technologies, LLC Orlando, FL	Nanoplate Ltd. Israel	Propose to develop a passive wireless sensor system for gaseous sensing in space, within the ISS, in the space atmosphere, embedded in astronaut suits, and on rockets for monitoring fuel leaks.	12 months	\$400,000	N
7)	EcoSPEARS, Inc. Sub: NASA-KSC Altamonte Springs, FL	IDE Technologies, Ltd. Israel	Develop a water processing system to produce potable water for the deep space gateway and towards a sustainable Mars exploration directorate.	18 months	\$450,000	N

8)	Weintraus, Inc. Subs: Embry-Riddle Aeronautical University; University of South Florida Daytona Beach, FL	Nextec Technologies 2001 Ltd. Israel	Development of advanced, robotic, non-contact inspection capabilities & manufacturing processes into spacecraft platforms	11 months	\$325,000	Y
9)	Cadw Therapeutics LLC and The Moffitt Cancer Center and Research Institute Land O Lakes, Tampa, FL	SpacePharma R&D Israel Israel	Advancement of a microfluidics Lab-On-A-Chip to interrogate stress & DNA damage/responses in space flight	18 months	\$265,000	Y
10)	Semplastics EHC LLC Oviedo, FL	Polymertal LTD Israel	Developing a novel class of hybrid materials, suitable for aviation, & space applications, ranging from structural parts to electronic assemblies.	12 months	\$250,000	N
11)	GaN Corporation Orlando, FL	Astronautics C.A. Ltd Israel	G&N Corporation wish to expand their research into FlightShield, enabling them to commercially develop, identify & alert pilots of malicious behavior and threats to flight safety.	12 months	\$295,000	N
12)	Simiosys, LLC Lake Mary, FL	Mantis- Vision/BrainVu Israel	Development of a virtual world-based communication platform to support therapy delivery, innovative measures, & models of social participation & isolation assessment.	24 months	\$300,000	N