



THE US - ISRAEL
**SPACE™
TECH
EVENT**

Powered by   VIRGINIA ISRAEL
ADVISORY BOARD
Commonwealth of Virginia

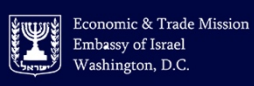
**COLLABORATION TO
DEVELOP & COMMERCIALIZE
PRIVATE SPACE VENTURES**



TYPE
5



**VIRGINIA ISRAEL
ADVISORY BOARD**
COMMONWEALTH OF VIRGINIA
OFFICE OF THE GENERAL ASSEMBLY





EVENT AGENDA

10:00-10:30

Coffee & Gathering and Welcoming Remarks

10:30-10:40

Welcome and Opening remarks

Dov Hoch Executive Director Virginia Israel Advisory Board.

10:40-10:50

ISA - Israel Space Agency – Managing Director Uri Oron

10:50-11:35

Virginia Space Assets – Largest companies, NASA, customers; launch sites and R&D.

Moderator Dov Hoch Executive Director Virginia Israel Advisory Board.

- 1) NASA Langley Dr. Martha Cloudsley, research physicist; RadWorks Deputy Project Manager and the Space Radiation and Habitation Systems Portfolio Lead.
- 2) Virginian Innovation Partnership Association (VIPA) Marco Rubin Senior Investment Director
- 3) Israel Aerospace Industries (IAI) - Chris Schreiber Israel Aerospace Industries VP Business Development
- 4) Israel Embassy Economic and Trade Office Josh Cohen Director of Cyber and former satellite executive

11:35-12:15

Israel Space Tech landscape – ways to access Israel Space Innovation.

Moderator: Yaron Sagi, Co Founder and Managing Director TYPE5

- 1) TYPE5 VC - Einat Berkovitch - Co Founder and Managing Director TYPE5
- 2) Starburst Aerospace - Noemie Alliel, Managing Director in Israel and aerospace accelerator
- 3) GorillaLink – Nadav Nachshon, Co-Founder & CEO
- 4) SPX - Nano satellites engines

12:15-12:45

The Trillion-dollar Space Market - Near and Medium-Term Opportunities



- 1) Robert Feierbach, CEO. 0-G Launch
- 2) Type5 Lior Herman Co Founder and Managing Director TYPE5.

12:45-13:00

US leadership in shaping the private space race

US Chamber of Commerce – Josh Kram Executive Director,
International Strategy and Partnerships

13:00

Lunch

13:45-14:45

Enabling Technologies and Organization:

Quantum \ Energy \ Cyber \ Biotech \ Telco \ Satellites

- 1) NASA Eliad Peretz Lead Researcher for New Space Missions at NASA Goddard Space Flight Center
- 2) Virginia Tech Dr. Vassilios Kovanis, Director of the Master of Engineering Program and Innovation faculty member, Quantum Computing
- 3) Eric Ingram is the Co-founder and CEO of SCOUT and is a commercial spaceflight regulatory expert. Eric was previously an Aerospace Engineer at the FAA Office for Commercial Spaceflight who oversaw licensing.
- 4) Open Discussion

15:00-15:20

Digital Twin in Aerospace Design: IAI \ In3D (Microsoft HoloLens \ Gold Partner)

IAI's Digital Twin journey evolved from modeling, simulation, and realtime-3D virtual reality connection based on Microsoft HoloLens Tech, to smart digital twin, using architecture based on low-code design software.

Erwin Schulman Head of NEO – Novel Enterprise Operation – a digital transformation project; Systems Missiles & Space Group ISRAEL AEROSPACE INDUSTRIES LTD



15:20-16:00

US & Israel Space 2030 – Partnerships to overcome funding gaps and accelerate time to money through corporate collaborations and enabling organizations

- 1) Cassiopeia Space Systems Inc. Don Richardson serves on the Board of Directors of Cassiopeia Space Systems Inc. a JV of Over-SAT (Israel) and MIL-SAT (Virginia) BIRD grant recipients that developed LEO Satellite Tracking Systems.
- 2) BIRD Israel-US government BI-national R&D Fund. Limor Nakar Deputy Executive Director,
- 3) U.S. Chamber of Commerce John Neal Executive Director Space Policy
- 4) Williams Mullen – Kevin Pomfret Head Space Practice; author on the impact of US laws on space-based activities. Member of the Space Law Committee of the International Bar Association and NOAA's Advisory Committee on Commercial Remote Sensing (ACCRES)



HOSTS & SPONSER



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VIRGINIA ISRAEL ADVISORY BOARD

VIAB is a state agency helps Israeli companies build and grow their US operations in Virginia and facilitates Virginia concerns to access innovative Israeli technologies.



TYPE5 SPACETECH INVESTMENT GROUP

TYPE5 is a space tech investment group focused on solving humanity greatest challenges with Space-to-Earth revolutionary technologies that will lead the transformation of entire industries.



WILLIAMS MULLEN

Williams Mullen is a regional, full-service law firm with approximately 240 attorneys in offices across North Carolina, South Carolina and Virginia. Since our firm began in 1909, our goal has been to provide business and legal solutions to help our clients' businesses thrive. Kevin Pomfret leads the Space Practice at Williams Mullen, he is published widely on the impact of US laws on space-based activities; Member of the Space Law Committee of the International Bar Association; Recognized by Who's Who Legal as an outstanding lawyer in the Transport - International Space and Satellites Market and Member of the National Oceanic and Atmospheric Administration's (NOAA's) Advisory Committee on Commercial Remote Sensing (ACCRES)



ARLINGTON VIRGINIA

ARLINGTON ECONOMIC DEVELOPMENT

Arlington Economic Development (AED) is committed to helping Arlington thrive as an economically vital, competitive and sustainable community by providing leadership and services to Arlington's business, real estate, tourism and cultural affairs sectors.



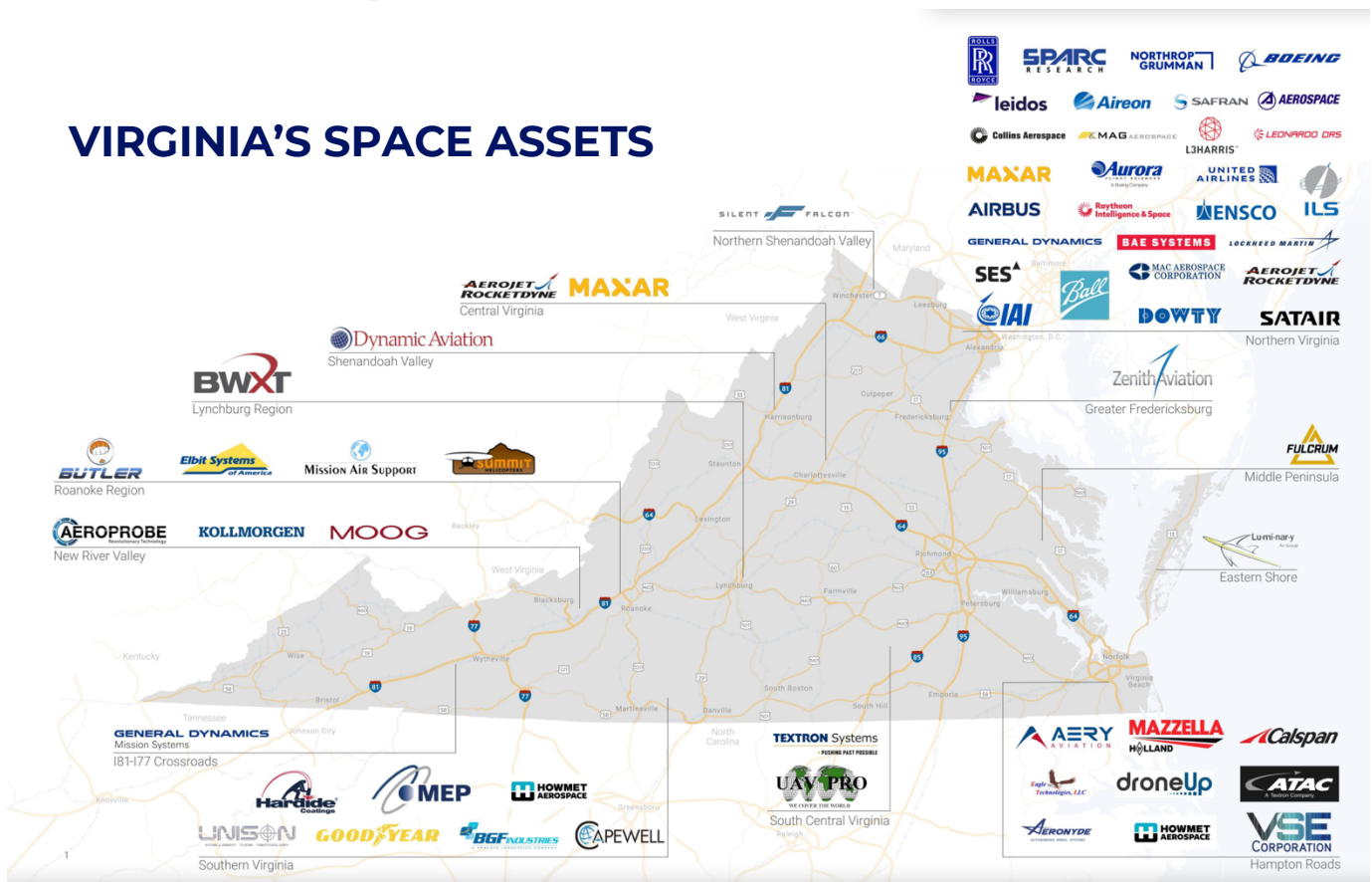
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ISRAEL SPACE TECH ECOSYSTEM INTERACTIVE INFOGRAPHIC

<https://maps.viab.org/maps/ilspacetech>



VIRGINIA'S SPACE ASSETS





Virginia is home to leading aerospace customers; researchers, suppliers and manufacturers. The ecosystem includes major public and private hubs that have strong synergies with the Israeli space segment:

- **NASA's Langley Research Center** comprised of 200 facilities on 764 acres in Hampton, Virginia, and employs 3,400 engaged in revolutionary improvements to aviation, understanding of Earth's atmosphere and develop technology for space exploration.
- **National Institute of Aerospace**, (NIA) collaborates with NASA, other government agencies and laboratories, universities, and industry to conduct leading-edge research and technology development in space exploration, aeronautics, and science. In addition, NIA offers a broad, multi-university graduate education program and award-winning outreach.
- **Virginia Commercial Space Flight Authority** <https://www.vaspacespace.org/> brings commercial spaceflight to Virginia offering full-service multi-purpose launch services for small- and mid-class rockets along with payload processing and integration and control, at the Mid-Atlantic Regional Spaceport (MARS) on Wallops Island, one of only five spaceports in the U.S. licensed by the FAA for vertical launches to orbital trajectories.
- **Virginia Institute for Spaceflight & Autonomy** <https://visaatodu.org/> VISA fosters partnerships between Governments, Industry, and Academia. to grow the spaceflight (focused on space launch) and autonomy ecosystems. The hub to leverage Virginia's world-class assets in space launch, autonomous systems, modeling and simulation, and data science to solve real-world problems.
- **The Virginia Israel Advisory Board** (VIAB) is a state agency helps Israeli companies build and grow their US operations in Virginia and facilitates Virginia concerns to access innovative Israeli technologies.
- **Virginia Economic Development Partnership** (VEDP) Boeing, Rocket Lab, Raytheon and General Dynamics are in Virginia. Molly Olson Manager Space and Aerospace Sector molson@vedp.org