



Catalyst Accelerator's Tech Collision Event Government Fact Sheet

Purpose: Tech scouting for innovative, dual-use space technologies

Dates: July 28 - 30, 2020

Location: Catalyst Campus at 555 E. Pikes Peak Ave, Colorado Springs, CO 80903

Funding: The Tech Collision event is sponsored by AFRL/RV and the Small Business Administration's Growth Accelerator Fund Competition

Description: The AFRL/RV-sponsored Catalyst Accelerator will host a 2 ¾ -day pitch event where 32 – 40 startups and small businesses will have the opportunity to pitch innovative, dual-use space technologies, ideally with a TR level of 4 or higher. Companies will pitch twice—once to a room of Government tech scouts and once to a room of Industry tech scouts. The final day will include technology demonstrations facilitated by Tech Warrior Ops (<https://twenterprise.org/tech-warrior-ops>) and a posterboard session open to the public where companies with technologies of varying TR levels may display their technology along with the companies that pitched. In addition, participant companies will have the opportunity during the event to attend relevant training workshops with special emphasis on encouraging companies to apply for upcoming SBIRs and STTRs.

Potential

Pitch Areas: Pitches will center around solutions to space threats to include technologies that fit into the Defense Innovation Marketplace's Community of Interest Space technology focus. (See list below.) Government tech scouts will receive a finalized list of companies pitching no later than **June 15, 2020**.

- **Satellite Communications (SATCOM):** Provide seamless, end-to-end, space-based communications that are integrated and interoperable.
- **Missile Warning, Missile Defense, Kill Assessment and Attack Assessment:** Provide timely and unambiguous detection of ballistic missile launches and nuclear detonations from space.
- **Positioning, Navigation and Timing (PNT):** Provide the ability for generating and using signals to enable determination of precise location, movement and time.
- **Intelligence, Surveillance and Reconnaissance (ISR):** Provide Space-based systems for Space Situational Awareness (SSA), Geospatial Intelligence (GEOINT) and Signals Intelligence (SIGINT); includes National Technical Means, Commercial/Foreign Family of Systems, and small, rapid-response opportunities.
- **Space Control (SC) and Space Situational Awareness (SSA):** Provide freedom of action in space to ensure: resilience to threats, ability to perform in a degraded environment, and ability to deny an adversary's use of space against our forces in conflict.
- **Space Access (SA):** Provide delivery, maneuvering, and recovery of payloads to and from space in a responsive, reliable, flexible manner, ensuring assured access to space in peace, crisis, and through the spectrum of conflict.
- **Space and Terrestrial Environmental Monitoring (EM):** Provide remote sensing and monitoring of the operational space environment and Earth weathercasting.
- **Command and Control (C2); and Satellite Operations (SATOPS):** Provide the ability to operate over space forces and resources to monitor, assess, plan, and execute space operations at all echelons of command.
- **Space Enablers:** Development of pervasive technologies that facilitates the technical ability to perform successfully in the Space Arena.
- **Space Resilience:** Provide the ability to support the functions necessary for mission success in spite of hostile action or adverse conditions.



Tentative Schedule: *(Detailed agenda will be sent at a later date.)*

	Tuesday, July 28	Wednesday, July 29	Thursday, July 30
AM	Welcome speaker 8 to 10 pitches (Closed room)	Welcome speaker 8 to 10 pitches (Closed room)	Demonstrations of technology and posterboard session (Open to community)
Lunch	Speaker	Speaker	Lunch
PM	8 to 10 pitches (Closed room)	8 to 10 pitches (Closed room)	Continuation of demonstrations and posterboarding. Closing at 3pm. 3:30pm – Hotwash with tech scouts and Accelerator team
Evening	Speaker & networking between tech scouts & companies (Closed room)	Community Luau-- Networking open to community	

Detailed explanation:

Tuesday, July 28 – Companies will pitch in either the Government tech scout room or the Industry room. When not pitching, companies will participate in training workshops to include the following themes: SBIRs/STTRs, IP protection, R&D Tax Credits, Business Development, Funding Sources, Working with the Government, etc. Morning, lunch and evening speakers will be brought in. The evening will involve networking time for companies and tech scouts.

Wednesday, July 29 – Same as Tuesday with the exception of the luau in the evening. The Colorado aerospace community will be invited to the luau giving companies and tech scouts an opportunity to make new connections.

Thursday, July 30 – Facilitated by Tech Warriors Ops, companies with Phase 1 SBIRs will have the opportunity to demonstrate their technologies to scouts and the community. At the same time, companies (those pitching, demonstrating and others) will have the opportunity to showcase their technologies in a posterboard session open to the public.

Why attend?

1. In less than 3 days, tech scouts gain exposure to 32 – 40 technologies (pitches) and additional technologies (during the posterboard session) that meet DoD space requirements or serve as a solution to a space threat.
2. Familiarization with Catalyst Campus’ innovation ecosystem involving public/private partnerships.
3. Collaboration and connections with local government agencies, space companies, industry, investors, and the Catalyst Campus community.

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Learn more about the Catalyst Accelerator here: <https://catalystaccelerator.space/>