



DEFENSE STRATEGIES INSTITUTE PRESENTS:



OFFICIAL SHOW GUIDE

FEBRUARY 1-2, 2023 | TAMPA, FL

SUMMIT OVERVIEW

- Location:** The Summit will take place at The Tampa Convention Center | 333 S. Franklin Street, Tampa, FL
- Registration:** Registration will take place on the first floor across from Ballrooms B and C.
- Speaking Sessions:** Speaking Sessions will be held in Ballroom C
- Exhibits:** Exhibits are located in Ballrooms A and B
- Lunch:** Lunch will be provided in Ballroom D and Meeting Rooms 118-121
- PARKING:**
Parking is available at the Convention Center Garage, located at 107 N. Franklin Street, directly across the road from the event venue.
Daily parking will cost \$12 for the day.
- Arrival Logistics:** Attendees should enter through the Franklin St. Entrance at 333 S. Franklin St. Signs will direct you to the registration and check-in desk in the main hallway, and to the exhibit and presentation halls. A light breakfast will be served until the Summit begins.
- Presentations:** ***IMPORTANT: Retain this agenda to gain access to presentations presented at this Summit.**
Releasable presentations will be available by visiting the following website after **February 8, 2023**
Please visit: dsigroup.org/presentations
Password: *Provided in Onsite Agenda*
- WiFi:** **Network: MILAM 2023 | Password: 3Dprint!**
- Operating Guidelines:** DSI's Summit directly supports DoD & Government priorities by providing a conduit for officials to efficiently reach audiences outside of their respective offices that directly impact their department's mission success, at no charge to the government, and in an efficient expenditure of time.
DSI's Summit will provide a forum to address and improve internal and external initiatives, meet with and hear from partner organizations, disseminate vital capability requirements to industry, increase visibility within the larger community, and generally support their mission.
The Summit is open and complimentary to all DoD and Federal employees and is considered an educational and training forum. (Industry and academia members are charged a fee of attendance)
- Summit is CLOSED TO PRESS / NO RECORDINGS/ NON-ATTRIBUTION**

Attendees must wear name badge at all times and to enter exhibit and presentation halls



SOLICITATION POLICY

Defense Strategies Institute has a no-solicitation policy covering all of our conferences and expositions. In order to provide a distraction-free environment for our exhibitors, sponsors, attendees and employees, we do not allow solicitation at our events by attendees or unauthorized parties without the express written permission of DSI. This policy includes, but is not limited to the following unauthorized activities.

Prohibited Activities:

- Unauthorized receptions & parties (including off-site events)
- Unauthorized exhibits, mobile exhibits & hospitality suites
- Unauthorized membership recruitment activities
- Unauthorized promotion of non-DSI events
- Unauthorized employment recruiting
- Unwelcome advances toward event participants or the DSI staff
- Unauthorized on-site distribution of printed or electronic materials including literature, signs, flyers, invitations, tickets, forms, etc. (except business cards)

Any person and/or organization found to be violating this policy may be expelled from the event. No refunds.

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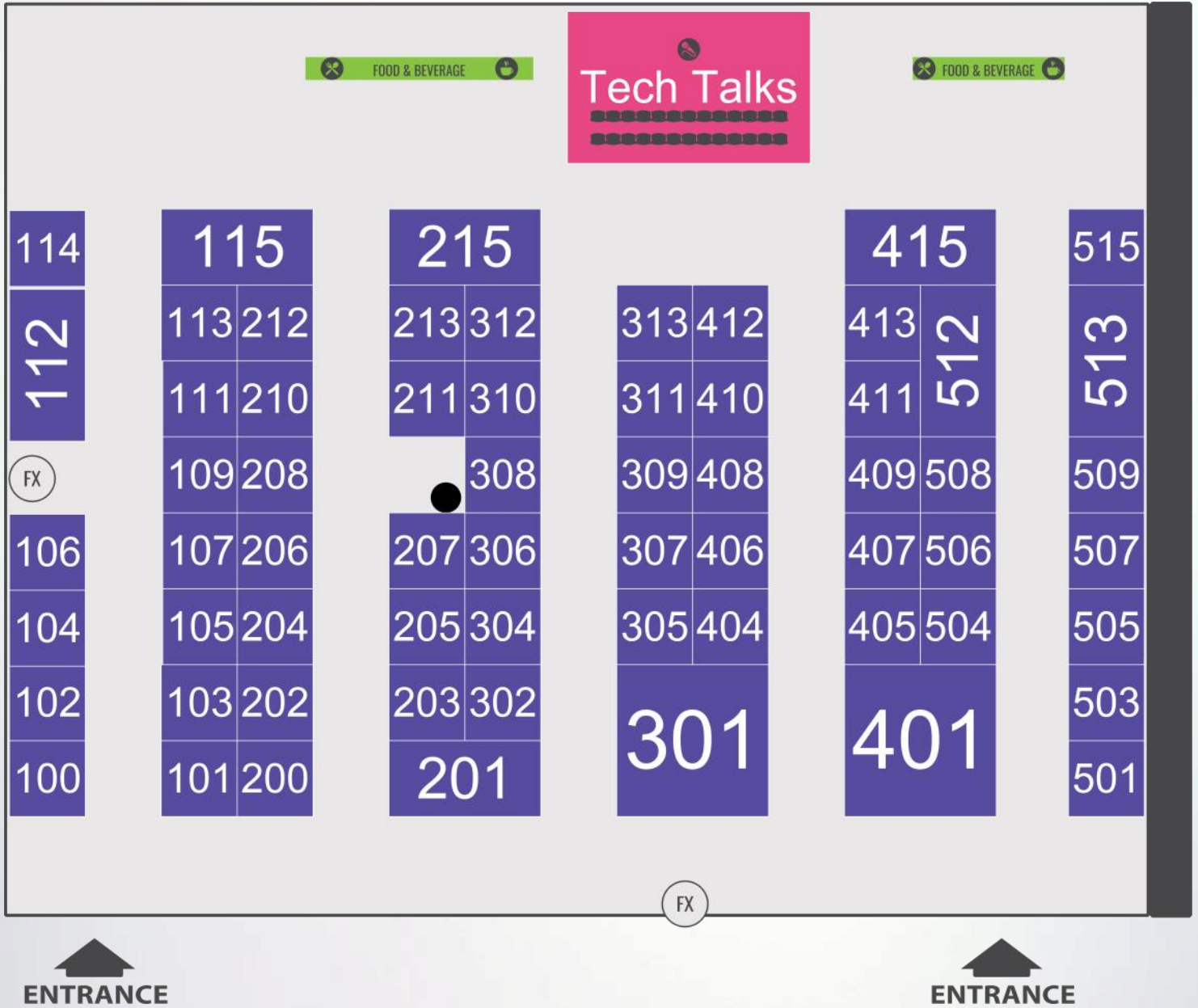
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TAMPA CONVENTION CENTER FLOOR PLAN



EXHIBIT HALL FLOOR PLAN



Exhibitor List on Next Page

SPONSOR & EXHIBITORS: 100-515

100—EDM Network	208—Applied Rapid Technologies (ART)	405—AFMG
101—Velo3D	210—Additive Engineering Solutions (AES)	406—KVG
102—Valiant Products	211—Penn United Technologies	407—Plasma Giken
103—FAMAERO	212—American Additive	408—PTC
104—Imperial Machine & Tool	213—Impossible Objects	409—Skuld LLC
105—Advanced Printed Electronic Solutions	215—Orbital Composites	410—3Degrees
106—SNOWBIRD Technologies	301—Essentium	411—MELD Manufacturing
107—STEAMBridge	302—Optoimec	412—REM Surface Engineering
109—VulcanForms	304—VAC-U-MAX	413—VJ Technologies
111—Exum Instruments	305—Craitor	415—DMG MORI Federal Services
112—Tinker Air Force Base	306—Tiger Drylac	501—Xact Metal
113—Kraetronics	307—Rapidia	503—Solve
114—FieldMade	308—Big Metal Additive	504—SLM Solutions
115—NCDMM	309—3D Systems	505—TriMech
100—Hartech Group	310—i3DMFG	506—Cumberland Additive
201—Pratt & Whitney	311—Senvol	507—Formlabs
202—ASTM International	312—ADDMAN Engineering	508—Westwind
203—North Star Imaging	313—Rapid Prototyping Services	509—
204—Pinnacle X-Ray Solutions	401—Stratasys	512—NCS Technologies
205—Sciperio	404—Avonix Imaging	513—Phillips
206—Michigan Drill		515—SPEE3D
207—6K Additive		

SPONSOR & EXHIBITORS: A-Z

3D Systems—309	FAMAERO—103	Rapid Prototyping Services—313
3Degrees—410	FieldMade—114	Rapidia—307
6K Additive—207	Formlabs—507	REM Surface Engineering—412
Additive Engineering Solutions (AES)—210	Hartech Group—200	Sciperio—205
ADDMAN Engineering—312	i3DMFG—310	Senvol—311
Advance Printed Electronic Solutions—105	Imperial Machine & Tool—104	Skuld LLC—409
American Additive Manufacturing—212	Impossible Objects—213	SLM Solutions—504
AMFG—405	Kraetronics—113	SNOWBIRD Technologies—106
Applied Rapid Technologies—208	KVG—406	Solve—503
ASTM—202	MELD Manufacturing—411	SPEE3D—515
Avonix Imaging—404	Michigan Drill—206	STEAMBridge—107
Big Metal Additive—308	NCDMM—115	Stratasys—401
Craitor—305	NCS Technologies—512	Tiger Drylac—306
Cumberland Additive—506	North Star Imaging—203	Tinker Air Force Base—112
DMG MORI Federal Services—415	Optomec—302	TriMech—505
EDM Network—100	Orbital Composites—215	VAC-U-MAX—304
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Exum Instruments—111	Phillips—513	Velo3D—101
	Pinnacle X-Ray Solutions—204	VJ Technologies—413
	Plasma Giken—407	VulcanForms—109
	Pratt & Whitney—201	Westwind—508
	PTC—408	Xact Metal—501

SUMMIT SCHEDULE

Day 1: February 1st

- 6:30—7:30** *Registration and Light Breakfast Reception Open*
- 7:30—7:45** **Opening Remarks & Presentation of Colors** (Presentation of Colors by Tampa ROTC)
- 7:45—8:00** **Chairman Opening Remarks**
Elisa Teipel, Ph.D., Chief Technology Officer, Co-Founder, Essentium
- 8:00—8:15** **Moderator Remarks:**
LtGen John Broadmeadow, USMC (Ret), Former Director, Marine Corps Staff
- 8:15—9:00** **Driving Joint Additive Manufacturing Initiatives at the J4 to Enhance Supply Chain Resiliency and Improve Materiel Readiness**
- Lt Gen Leonard J. Kosinski, USAF**
Director for Logistics
Joint Staff, J4
- 9:00—9:45** **Increasing MAGFT Lethality Through Modernized Logistics Processes & the Integration of Superior AM Technologies**
- BGen Forrest Poole, USMC**
Assistant Deputy Commandant for Logistics Plans and Policy
HQMC
- 9:45 — 10:15** **Successfully Scaling Additive Manufacturing Goes Beyond the Printer**
- Rich Garrity**, Chief Industrial Business Officer, Stratasys
- 10:15 — 11:25** **Networking & Exhibition**

15-Minute Industry Tech Talks: Location: Exhibit Hall Stage

10:25—10:40 AM:

Advantages of CT in AM & Defense Applications

Brett Muehlhauser, R&D Technical Fellow ASNT/NAS410 Level 3, North Star Imaging

10:50—11:05 AM:

Mobile Fabrications Units and Digital Inventory – The Multiplier

Jostein Olsen, CEO, Fieldmade AS

SUMMIT SCHEDULE

Day 1: February 1st

11:25—12:40 **Panel — [Facilitating the Effective Rollout of the AM Forward Initiative](#)**

Panel Moderator:

Neal Orringer

President, ASTRO America

Panelists:

John Wilczynski

Executive Director, America Makes

Bailey DeVries

Associate Administrator, Office of Investment & Innovation
U.S. Small Business Administration

Barbara Humpton

CEO, Siemens USA

Nick Mule

Director of the Intelligence Center, Boeing Additive Manufacturing

12:40—12:50 **[Expertise Matters – Accelerating CSI/CAI Metal AM Adoption Across the DoD](#)**

Mark Shaw

Director, Additive Programs,
GE Additive

12:50—1:50 **[Networking Lunch](#)**

1:50—2:05 **[Presentation of Mil AM 2023 3D Printing Awards](#)**

- **Technical Achievement Award for 3D Printing Innovation**
- **Lifetime Achievement Award**
- **Award for Expeditionary & Tactical 3D Printing Excellence**

2:05—3:05

Panel — [Showcasing Frontline Additive: National Guard Project and Application Highlights](#)

Panel Moderator:

Kyle Burns

Strategic Partnerships Development—Government, Essentium

Panelists:

Tech Sergeant Chris Look

101st ARW, Maine Air National Guard

Master Sergeant Carlos Gil

149th FW, Texas Air National Guard

Sergeant Thailus Mitchell

1108th Aviation Group, Mississippi Army National Guard

Specialist Andrew Weinstein

1109th Aviation Group, Connecticut Army National Guard

3:05—3:15

[Velo3D: Laser Powder Bed Fusion Additive Manufacturing for Defense](#)

Gary Bredael, Director of Additive Manufacturing, Hartech Group

3:15 — 4:15

[Networking & Exhibition](#)

15-Minute Industry Tech Talks: Location: Exhibit Hall Stage

3:25—3:40pm:

Validation of Multi-Laser Printing Technology for Additive Manufacturing

Brad Lemke, Director of Applications and Technology, SLM Solutions

3:50—4:05pm:

When does Hybrid Manufacturing make sense?

Mark Mohr, President of Federal Services, DMG MORI Federal Services, Inc.

SUMMIT SCHEDULE

Day 1: February 1st

4:15 — 5:15 **Panel — Aspirational to Actionable – Facilitating the Integration of Structural Metal AM Sustainment Solutions**

Panel Moderator:

Mark Shaw

Director of Additive Programs, GE Additive

Panelists:

Brig Gen Sean K. Tyler, USAF

USAF Commander, Defense Supply Center Richmond & DLA Aviation

Dr. Howard Sizek

Lead Engineer—Advanced Manufacturing Program Office, Rapid Sustainment Office, AFLCMC

Dr. John S. Tomblin, Ph.D.

Senior Vice President for Industry & Defense Programs, Wichita State University,
Executive Director, National Institute for Aviation Research (NIAR)

AJ Jarnagin

CEO, EXPANSIA

5:30 — 6:30 **Cocktail Reception**

7:00 **Exhibit Hall Closes**

End of Day 1

SUMMIT SCHEDULE

Day 2: February 2nd

7:15—8:00 *Registration and Light Breakfast Reception Open*

8:00—8:15 **Moderator Remarks:**
LtGen John Broadmeadow, USMC (Ret),
Former Director, Marine Corps Staff

8:15—9:00 **Air Force Depot Additive Manufacturing Capabilities**

Marybeth Radtke
Additive Manufacturing Director
Oklahoma City Air Logistics Complex, Tinker AFB

9:00—9:45 **AMC Strategic Priority: Implementing Advanced Manufacturing Techniques From the Depots to the Battlespace to Help Produce Parts Where Needed**

MG Darren L. Werner, USA
Commanding General, U.S. Army Tank-automotive and Armaments Command (TACOM)

9:45—10:30 **Facilitating Additive Manufacturing Initiatives Across AFC & the Joint Force to Increase Warfighter Flexibility**

BG David C. Trybula, USA
Deputy Commanding General
U.S. Army Combat Capabilities Development Command (DEVCOM)
Senior Commander of the U.S. Army Natick Soldier Systems Center

10:30—11:00 **Pratt & Whitney's Additive Manufacturing Journey...Then, Now, and the Future**

Jesse Boyer, Fellow—Additive Manufacturing, Pratt & Whitney

11:00—12:00 **Networking & Exhibition**

15-Minute Industry Tech Talk: Location: Exhibit Hall Stage

11:10 — 11:25am:

Field-deployable, Robotic AM platform for High-Throughput Composite Attritable Aircraft

Cole Nielsen, Founder / CTO, Orbital Composites | **Amolak Badesha**, Co-Founder / CEO, Orbital Composites

11:35 — 11:50am:

UK Defence Perspective

Colonel Dan Anders-Brown, Deputy Head and Customer Interface Team Lead | MERCURY Programme Manager | Future Capability Group, UK Ministry of Defence

SUMMIT SCHEDULE

Day 2: February 2nd

12:00—1:00 **Panel — [Advancing JAMWG Education and Workforce Development](#)**

Panel Moderator:

Brett P. Conner, Ph.D.

Senior Program Manager, OSD Manufacturing Technology JAMWG Facilitator,
OUSD Research and Engineering

Panelists:

Josh Cramer

Education and Workforce Director, America Makes

Ryan Wicker

Professor, Aerospace and Mechanical Engineering, UTEP

John Barnes

Managing Director of The Barnes Global Advisors, Founder/CEO of Metal Powder Works

1:00—1:10 **[Additive Manufacturing: An Enabling Technology for Hypersonic Flight](#)**

Dr. Youping Gao, Chief Scientist & EVP, Castheon, An ADDMAN Company

1:10—2:10 **[Networking Lunch](#)**

2:10—3:25 **Panel — [Leveraging 3D Printed Satellites & Spacecraft to Help Enhance Overall US Space Force Operations](#)**

Panel Moderator:

Lt Col Gary Goff, USSF, PhD

Materiel Leader, Space Layer Resilient Missile Warning and Missile Tracking,
Space Systems Command (SSC), Space Sensing, U.S. Space Force

Panelists:

Charlotte M. Gerhart

Director, Acquisition Delta - Tactical SATCOM, Space Systems Command, MilComm & PNT,
U.S. Space Force

Troy Dawson

VP of Government Satellite Systems, Boeing

Josh Brost

Vice President, Relativity Space

SUMMIT SCHEDULE

Day 2: February 2nd

3:25— 4:00 **Final Networking Break**
4:00pm—Exhibitor break down begins

4:00—4:45 **Closing Remarks— DLA Highlight**

DLA's Strategic Vision: Collaborating With Key Government/Industry Entities to Create A Resilient Supply Chain & Transform the Future of AM

Patrick N. Kelleher, SES

Executive Director, Operations and Sustainment
Defense Logistics Agency Logistics Operations

End of Summit