ASU Southwest Advanced Prototyping Hub
Arizona State University

SWAP Forum 2026
Space Electronics for Commercial and Government Systems
Shaping the Future of Space Technologies Through Strategic Partnerships and Coordinated Stakeholder Investments

Wednesday October 21, 2026 **AGU - Advanced Earth and Space Sciences** **2000 Florida Ave NW, Washington DC 20009**
SWAP Hub Forum Early Registration and Reception
Day 1: Thursday October 22, 2026 **Texas A&M University – Bush School DC** **1620 L Street NW, Washington, DC 20036**
Continental Breakfast and Registration
Welcome and Day 1 Introduction: SWAP Hub Forum 2026 Hugh Barnaby, Professor, Arizona State University
Keynote #1 Dan Wang, CTO Deputy, National Reconnaissance Office
Session 1: Opportunities for Win-Win Government-Industry Partnerships
Invited Talk #1 Steven Kosier, Institute of Space and Defense Electronics, Vanderbilt University
Invited Talk #2 Jesse Mee, Senior Scientist, Radiation Hardening Technologies, United States Space Force
Invited Talk #3 Chandra Raj, Deputy General Manager, Viasat
Break
Session 1 Panel Discussion: "The Current State and Future of Government-Commercial Space Partnerships" ***Panel will discuss public-private partnership and coordinated investment opportunities that leverage government, industry, academic, national laboratory, and Microelectronics Commons capabilities, followed by Q&A.*** Moderator: Kelli Kedis Ogborn, Commercial Space Federation
Open Discussion
LUNCH
Session 2: Leveraging New and Existing Technologies for Space
Invited Talk #4 Sean O'Neill, Deputy Director, Intel Government Technologies (IGT)
Invited Talk #5 John Dickinson, RAD-TECH Research Campaign Manager, Sandia Laboratories
Invited Talk #6 Matthew Marinella, Associate Professor, Arizona State University
Break
Session 2 Panel: "Present and future of tecnhologies for space and stategic deployments ***The panel will discuss how electronics are developed, qualified, and transitioned into operational systems for space and strategic applications, follow by Q&A/*** Moderator: Krishnendu Chakrabarty, Professor, Arizona State University
Open Discussion
ADJOURN (Day 1)

Day 2: Friday October 23, 2026 Texas A&M University – Bush School DC 1620 L Street NW, Washington, DC 20036
Continental Breakfast and Registration
Day 2 Introduction: SWAP Hub Forum 2026 Hugh Barnaby, Professor, Arizona State University
Keynote #2 To be decided
Session 3: Test and Facilities: Ensuring reliable systems at the right cost
Invited Talk #7 Greg Allen, Co-Lead JPL Center for Space Radiation, Jet Propulsion Laboratory
Invited Talk #8 Andrew Kelly, Senior Project Manager, BAE Systems
Invited Talk #9 Micahael Campola, Radiation Effects Group Lead, NASA
Break
Session 3 Panel: "Finding the right test facilities to meet the requirements" ***Panel will discuss how to identify requirements for test and the facilities that get the job done at the right cost, followed by Q&A*** Moderator: Jennifer Taggart, Manager Microelectronics Radiation Effects Section, Aerospace Corporation
Open Discussion
LUNCH
Session 4: How to make modeling and AI work for next generation space systems
Introduction to Modeling and Simulation for Next Generation Space Systems – Challenges, Ongoing R&D, Solutions Dr. Lloyd Massengill, CEO, Reliable MicroSystems LLC
Invited Talk #11 Cadence Design Systems
Invited Talk #12 Siemens Government Systems
Invited Talk #13 Synopsys, Inc.
Break
Session 4 Panel: "Application of EDA and AI in space system design" ***A panel of practitioners involved in circuit/system design for extreme environments will discuss their challenges and perspectives, followed by Q&A*** Moderator: Dr. Jeff Kauppila, Rel-Micro
Closing Remarks
ADJOURN (Day 2)