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**	
Agenda (all times EDT)	
Day 0: Wednesday October 21, 2026 **AGU - Advanced Earth and Space Sciences** **2000 Florida Ave NW, Washington DC 20009**	
4:30 – 7:00 pm	**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**	
8:00 AM	***Continental Breakfast and Registration***
8:30 - 8:40 AM	**Welcome and Day 1 Introduction: SWAP Hub Forum 2026** Hugh Barnaby, Professor, Arizona State University
8:40 - 9:30 AM	**Keynote #1** Dan Wang, CTO Deputy, National Reconnaissance Office
Session 1: Opportunities for Win-Win Government-Industry Partnerships	
9:35 - 10:05 AM	**Invited Talk #1** Steven Kosier, Institute of Space and Defense Electronics, Vanderbilt University
10:05 - 10:35 AM	**Invited Talk #2** Jesse Mee, Senior Scientist, Radiation Hardening Technologies, United States Space Force
10:35 - 11:05 AM	**Invited Talk #3** Chandra Raj, Deputy General Manager, Viasat
11:05 - 11:20 AM	***Break***
11:20 AM - 12:20 PM	**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
12:20 - 12:50 PM	***Open Discussion***
12:50 - 1:40 PM	**LUNCH**
Session 2: Leveraging New and Existing Technologies for Space	
1:40 - 2:10 PM	**Invited Talk #4** Robert Ciccariello, Space and Sensing Lead, Intel Government Technologies – R&D
2:10 - 2:40 PM	**Invited Talk #5** John Dickinson, RAD-TECH Research Campaign Manager, Sandia Laboratories
2:40 - 3:10 PM	**Invited Talk #6** Matthew Marinella, Associate Professor, Arizona State University
3:10 - 3:30 PM	***Break***
3:30 - 4:30 PM	**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, followed by Q&A.*** Moderator: Krishnendu Chakrabarty, Professor, Arizona State University
4:30 - 5:00 PM	***Open Discussion***
5:00 PM	**ADJOURN (Day 1)**

Agenda (all times EDT)	
Day 2: Friday October 23, 2026 Texas A&M University – Bush School DC 1620 L Street NW, Washington, DC 20036	
8:00 AM	***Continental Breakfast and Registration***
8:30 - 8:40 AM	**Day 2 Introduction: SWAP Hub Forum 2026** Hugh Barnaby, Professor, Arizona State University
8:40 - 9:30 AM	**Keynote #2** Tim Lee, Boeing Technical Fellow, Boeing Technology Innovation, 2025 IEEE-USA President
Session 3: Test and Facilities: Ensuring Reliable Systems at the Right Cost	
9:35 - 10:05 AM	**Invited Talk #7** Greg Allen, Co-Lead JPL Center for Space Radiation, Jet Propulsion Laboratory
10:05 - 10:35 AM	**Invited Talk #8** Andrew Kelly, Senior Project Manager, BAE Systems
10:35 - 11:05 AM	**Invited Talk #9** Adrian Ildefonso, Assistant Professor, Indiana University
11:05 - 11:20 AM	***Break***
11:20 AM - 12:20 PM	**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
12:20 - 12:50 PM	***Open Discussion***
12:50 - 1:40 PM	**LUNCH**
Session 4: How to Make Modeling and AI Work for Next Generation Space Systems	
1:40 - 2:00 PM	**Introduction to Modeling and Simulation for Next Generation Space Systems – Challenges, Ongoing R&D, Solutions** Dr. Lloyd Massengill, CEO, Reliable MicroSystems LLC
2:00 - 2:30 PM	**Invited Talk #11** Cadence Design Systems
2:30 - 3:00 PM	**Invited Talk #12** Siemens Government Systems
3:00 - 3:30 PM	**Invited Talk #13** Synopsys, Inc.
3:30 - 3:40 PM	***Break***
3:40 - 4:45 PM	**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
4:45 - 5:00 PM	***Closing Remarks***
5:00 PM	**ADJOURN (Day 2)**