RHET 2026 Tentative Agenda

Hosted by:

MILANOWSKI AND ASSOCIATES, INC

San Diego, CA - 2-5 November, 2026

Monday, November 2, 2026

Start Time	Event
1:00 PM	**Accelerate your Analog FinFet Rad Hard Design Using ADONIS™ Training - Silicon Technologies**
5:00 PM	**Registration 5-8 PM** **Welcome Reception 6-8 PM**
8:00 PM	**End of Day**

Tuesday, November 3, 2026

Start Time	Event
7:00 AM	**Breakfast & Registration**
8:00 AM	**"Day 1 Welcoming Remarks"** **Windy Slater (Air Force Research Laboratory)**
8:10 AM	**Host Remarks:** **Randall Milanowski (Milanowski and Associates)**
8:30 AM	**Chair: Megan Casey (NASA GSFC)**
8:30 AM	**Strategic Radiation Hardened Electronics Council (SRHEC) Overview** Col John Turner (OASW(ND-CBD/NM) & Jeff Johann (NSWC Crane)
9:15 AM	**"AFRL Redesign & Strategic Planning: Alignment for the Future Fight"** Jesse Mee (Air Force Research Laboratory (AFRL))
9:35 AM	**"MDA Radiation Hardness Assurance Technical Focus"** Kiara Risher (Missile Defense Agency (MDA))
9:55 AM	**Break**
10:25 AM	**Chair: TBD**
10:25 AM	**"SOTA ICs with GAA Transistors and BSPND Failure Analysis Opportunities"** Daniel Hinkle (National Security Agency (NSA))
10:45 AM	**"Standard Cell Flow for RadHard Design"** Stuart Bernhardt (Cadence)
11:00 AM	**"Calibre Reliability Verification for RHICs"** Matt Hogan (Siemens EDA)
11:15 AM	**"2026 IP and ASIC update from Alphacore"** Esko Mikkola (Alphacore)
11:30 AM	**"Lunar Endeavor – The Case for Rad Hard Electronics"** Chinh Le (LeWiz Communications)
11:45 AM	**"eChip - Manufacture Low Volume Rad Hard SOTA Parts While Reducing Manufacturing Delays and Costs"** Tom Wolf (Silicon Technologies)
12:00 PM	**Lunch**
1:30 PM	**Chair: Matthew Spear (AFRL)**
1:30 PM	**"TBD"** Mark Yao (Boeing)
1:45 PM	**"Ava-MRAM UNLEASHED: The Space-Grade Standard No One Else Can Touch"** Kristine Schroeder (Avalanche Technology)
2:00 PM	**"Everspin U.S. MRAM Manufacturing: Current Status and STT-MRAM Roadmap"** David Schrenk (Everspin Technologies)
2:15 PM	**"Microelectronics for Space and Strategic Radiation Hardened Applications"** Romney Katti (Honeywell Aerospace)
2:30 PM	**"STAR-FISH ANGSTRM Program - WD Rad-Hard Performance Status Update"** Tom Boone (Western Digital)
2:45 PM	**"Overview of BAE Systems Space Microelectronics and Processing Products"** Andrew Kelly (BAE Systems)
3:00 PM	**"Radiation Tolerant Memory Portfolio for Constellations"** Helmut Puchner (Infineon Technologies)
3:15 PM	**Break**
3:45 PM	**Chair: TBD**
3:45 PM	**"TBD"** Patricia Schaefer (Defense Advanced Research Projects Agency (DARPA))
4:05 PM	**"TBD"** Megan Casey (NASA GSFC)
4:25 PM	**"Advanced Packaging for AI HPC"** Charles Woychik (NHanced Semiconductors)
4:40 PM	**"3D PLUS Space Qualified Products Updates"** Timothee Dargnies (3D Plus USA)
4:55 PM	**"TTM's High-Reliability Solutions for Space and Defense Market"** Anup Singh (TTM Technologies)
5:10 PM	**End of Sessions**
6:00 PM	**Milanowski & Associates Reception**
8:00 PM	**End of Day**

Wednesday, November 4, 2026

Start Time	Event
7:00 AM	**Breakfast & Registration**
8:00 AM	**"Day 2 Welcoming Remarks"** **Windy Slater (Air Force Research Laboratory)**
8:10 AM	**Chair: Kiara Risher (MDA)**
8:10 AM	**"TBD"** TBD (Test Resource Management Center (TRMC))
8:30 AM	**"AFRL FORTRESS Testing Capabilities"** Joseph Warren (Air Force Research Laboratory (AFRL))
8:50 AM	**"TBD"** Steve Burger (SHINE)
9:10 AM	**"Radiation Effects Testing at BNL: A Broad Vision to Support Making Space Safe"** Kevin Brown (Brookhaven National Laboratory (BNL))
9:30 AM	**"Auburn University Applied Research Institute, Radiation Effects Laboratory"** Greg Bell (Auburn University)
9:50 AM	**"Status of KSEE Facility and Developing A High-Energy Heavy-Ion Test Facility at MSU"** Steve Lidia (Michigan State University (MSU))
10:10 AM	**Break**
10:40 AM	**"Northrop Grumman Radiation Test Facility Capabilities and Advancements"** Jonny Avila (Northrop Grumman's Radiation Test Operations (NG RTO))
11:00 AM	**"Proton Radiation Effects Testing with ProNova Solutions at the Covenant Health Proton Center"** Eric O'Quinn (ProNova Solutions)
11:20 AM	**"Experimental Results of Prompt Neutron and Flash X-Ray Generators at Fuse Facilities"** Sophie Faliero (Fuse)
11:40 AM	**"FusionWERX: Expanding the Nation's 14 MeV Neutron Test Capacity"** Michael Eades (Avalanche Energy)
12:00 PM	**Lunch**
1:30 PM	**Chair: Jon Ahlbin (Nucleon)**
1:30 PM	**SRHEC Test and Evaluation (T&E)** Tom Turflinger (Aerospace Corporation)
1:50 PM	**"Milanowski & Associates Technical Update"** Randall Milanowski (Milanowski and Associates)
2:05 PM	**"Radiation Test Solutions (RTS) Services Update"** Charlie Arutt (Radiation Test Solution)
2:20 PM	**"Rel-Micro Fully-Integrated CMOS Nuclear Event Detector"** Lloyd Massengill (Reliable MicroSystems)
2:35 PM	**"Strategic RH Cache Memory Development Effort"** Ryan Young (Scientic)
2:50 PM	**"Radiation Sources and Testing Capabilities at the DTRA West Coast Facility Focused on Nuclear Triad and NC3 Recapitalization Efforts"** David Phipps (Fisica)
3:05 PM	**Break**
3:35 PM	**Chair: Greg Allen (NASA JPL)**
3:35 PM	**"NSWC Crane Rad-Hard Projects"** Matthew Gadlage (Naval Surface Warfare Center (NSWC) Crane)
3:55 PM	**"Addressing Industry Needs with Modern Radiation Effects Engineering"** Merek Chertkow (The Radiation Team)
4:10 PM	**"Is Your Fault Mitigation Working as Expected When Expected? Verifying Mitigation Implementation Beyond Conventional Radiation Testing"** Melanie Berg (SpaceR3)
4:25 PM	**"Understanding the Radiation Performance of Your System on a Tight Timeline"** Jonathan Ahlbin (Nucleon)
4:40 PM	**"Constraining X-ray Flash Sensitivity of Floating Gate Transistors"** Dr. Yenuel Jones-Alberta (JHU/APL)
4:55 PM	**"DoW HE HI SEE Testing Capacity Expansion"** Richard Leonard (JRC Integrated Systems)
5:10 PM	**"Market Analysis of the Revised Heavy Ion Demand for Electronics Testing"** Ken LaBel (Trusted Strategic Solutions)
5:25 PM	**End of Sessions**

Thursday, November 5, 2026

Start Time	Event
7:00 AM	**Breakfast & Registration**
7:30 AM	**"Day 3 Welcoming Remarks"** **Windy Slater (Air Force Research Laboratory)**
7:35 AM	**RHET 2027/2028** **(Reliable MicroSystems/Avalanche Technology)**
7:45 AM	**Keynote Speaker:** Peter Garretson American Foreign Policy Council
8:25 AM	**Chair: Courtney Matzkind (Scientic)**
8:25 AM	**SRHEC Trust, Assurance, Nuclear Surety (TANS)** Kelsey Bell (NNSA)
8:45 AM	**SkyWater RH90 Overview and Program Update** Earl McArthur (SkyWater Technology)
9:00 AM	**"Status of GF Rad Hard Technologies"** Afusat Dirisu (GlobalFoundries)
9:15 AM	**"Technologies in Support of National Defense"** Michael Scott and Matthew Shreve (Tower Semiconductor)
9:30 AM	**"Additively Manufactured Packaging for Advanced Rad-Hard Microelectronics"** Heather Stern (MIT Lincoln Laboratory)
9:45 AM	**"TBD"** Nathan Nowlin (Sandia National Laboratories)
10:00 AM	**Break**
10:30 AM	**Chair: TBD**
10:30 AM	**SRHEC Research and Development (R&D)** Heather Quinn (AFRL)
10:50 AM	**"Lattice Certus Pro FPGA to Enter Aerospace and Defense Market"** Marti McCurdy (Spirit Electronics)
11:05 AM	**"Microchip Technology High Reliability Analog and Power Portfolio Update"** Jackson Heun and Oscar Mansilla (Microchip Technology)
11:20 AM	**"A New U.S. Radiation-Hardened FPGA Platform for Strategic Applications"** Brian Faith and Trey Peterson (QuickLogic)
11:35 AM	**"Renesas Space-Grade Solutions Portfolio Update"** Abigail Eberts(Renesas Electronics)
11:50 AM	**"Trusted Microelectronics Marketplace"** Stephanie Pusch (Trusted Semiconductor Solutions)
12:05 PM	**Lunch**
1:35 PM	**Chair: Elaine Johnson (Amentum)**
1:35 PM	**SRHEC Program Needs (PN)** Laura Chen-Mertens (Aerospace Corporation)
1:55 PM	**"NRO Microelectronics Roadmap & Critical Technologies"** Vivek Menon (National Reconnaissance Office (NRO))
2:15 PM	**"Texas Instruments Space Portfolio Update"** Jason Clark and Joey Christ (Texas Instruments)
2:30 PM	**"USA Fabricated RadHard MOSFETs for Military and Space Applications"** Joe Benedetto (VPT Components)
2:45 PM	**"Magics Technologies Update"** Anton Quiroz (Magics Technologies)
3:00 PM	**Break**
3:30 PM	**Moderator: Keith Avery (AFRL)**
3:30 PM	**AI in Radiation Hardened Electronics Panel**
5:00 PM	**End of Sessions**

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