

**October 26-28, 2022 ANSI Workshop on Global Supply Chain Security for Microelectronics Standardization
Speaker Biographies (Updated 10/24/2022)**



Christine Bernat
Associate Director, Standards Facilitation
American National Standards Institute

Christine Bernat joined ANSI as Associate Director, Standards Facilitation in May 2022. In this role, she supports industry stakeholders, such as manufacturers, research institutions, government and standards development organizations, identify and conduct standards gap analyses through ANSI standards collaboratives and workshops.

Her most recent role prior to ANSI, Christine served as Director of Global Innovation and Policy at the General Aviation Manufacturers Association (GAMA), where she was responsible for supporting emerging technologies and innovation initiatives. At GAMA, she worked with key global aviation stakeholders, regulators and standards developers to enable introduction of new aircraft designs, propulsion technologies, flight capabilities to the market. During her tenure at GAMA, she also served as the Chairman of ASTM International F44 General Aviation Aircraft committee which develops standards for Part 23 airplanes, VTOL aircraft, electric propulsion and increasing automation.

Previously, Christine served as Director of Business Development and Manager of Technical Committee Operations, at ASTM International. In her 13 years at ASTM Christine supported organizational strategies for various industries including the aviation and aerospace, pharmaceutical, forensics, robotics, additive manufacturing, energy sectors. Her responsibilities included monitoring industry trends, exploring and launching new standards activities and related programs, establishing partnerships, and providing guidance regarding how standards can solve common challenges to bringing new products to market and support workforce development.



A native of New Jersey, Christine holds Bachelor of Arts degrees in Law and Justice and Spanish from Rowan University and a master’s certificate in Translation from La Salle University. She is a former Ironman and is training for her private pilot’s license.




Anne Caldas
Senior Director, Standards Facilitation
American National Standards Institute

Anne Caldas is Senior Director, Procedures and Standards Administration at the American National Standards Institute (ANSI). Anne’s primary roles relate to standards development activities. She is responsible for the implementation of the programs and committees that support the American National Standards (ANS) process and the procedures that govern the ANS process as well as U.S. participation via ANSI at ISO. Program oversight responsibilities include the accreditation of standards developers and U.S. Technical Advisory Groups (TAGs) to ISO, the approval of standards as American National Standards, the ANSI Standards Developer Audit Program, the multi-level appeals process at ANSI, ANSI’s nanotechnology standardization activities and other special projects. She is a graduate of the University of Maryland, College Park and holds an MA in Urban Affairs and Policy Analysis from the New School for Social Research in New York City.



**October 26-28, 2022 ANSI Workshop on Global Supply Chain Security for Microelectronics Standardization
Speaker Biographies (Updated 10/24/2022)**

 <p>Don Davidson Director, Cyber-SCRM Programs Synopsis</p>	<p>Don Davidson is Director, Cyber-SCRM Programs at Synopsis. In 2019, he retired from US-DoD with over 44+ years of Federal Service, with his last 15 specialized in Supply Chain Risk Management (SCRM).</p> <p>He is active in the DHS/CISA-led public-private ICT-SCRM Task Force. He participates a variety of C-SCRM standards activities to include: CS1/ANSI and SC27/ISO, (where he co-leads of SCRM Expert Group and is co-editor of ISO/IEC 27036). He serves as a Cyber-SCRM Fellow at the Institute for Critical Infrastructure Technology In 2021, he was selected as a member of the DOC/BIS Information Systems Technology Advisory Committee (ISTAC).</p>
 <p>Daniel DiMase CEO Aerocyonics, Inc., Aerocyonics Imaging, LLC</p>	<p>Daniel DiMase is the CEO of Aerocyonics, Inc., Aerocyonics Imaging, LLC. and a Research Scientist at the University of Connecticut. Mr. DiMase has over 30 years of experience as an expert and recognized industry leader in Supply Chain Risk Management, Logistics, Counterfeit Avoidance & Detection, Cyber Physical Systems Security, and Hardware Assurance. Mr. DiMase’s work at Aerocyonics is focused on delivering innovation with state-of-the-art products and services that serve markets in defense and commercial industry. Mr. DiMase’s current areas of focus include consulting services, product development and commercialization of nano-machining equipment, 3D imaging, failure analysis tools, reverse engineering instruments, material characterization, advanced traceability tools, software solutions, furthering the development of STEM education, and research and development of advanced polymorphic and neuromorphic architectures of microelectronic devices beyond Moore’s Law addressing low-power, radiation hardened, and security by design.</p> <p>Mr. DiMase’s previous roles included establishing and growing an electronics distribution company from inception to a multi-million dollar global-logistics organization. In that organization, he established policies, procedures, systems, and training to import and export globally to over 37 countries in accordance with import, export, and International Traffic in Arms regulatory requirements. Daniel also managed and ran a global trade association that investigated, monitored, mediated and reported issues impacting the supply chain. In his role at Honeywell Aerospace, he was responsible for developing the appropriate course of action to address compliance to regulatory and customer requirements for their \$10B strategic business group with over 40,000 employees in over 125 domestic and international locations. He was responsible for implementing policy for counterfeit avoidance and detection across the Aerospace Strategic Business Group, addressing customer and regulatory compliance, implementation of industry standards, and overseeing suppliers and test laboratories.</p> <p>Mr. DiMase served in leadership roles and provided significant contributions on numerous industry committees and working groups, including but not limited to the SAE G-32 Cyber Physical Systems Security Committee, SAE G-19 Counterfeit Electronics Parts subcommittees, SAE G-21 Counterfeit Materiel Committee, Global Semiconductor Alliance Trusted</p>




**October 26-28, 2022 ANSI Workshop on Global Supply Chain Security for Microelectronics Standardization
Speaker Biographies (Updated 10/24/2022)**

	<p>IoT Ecosystem Security (GSA TIES), The Aerospace Industries Association Counterfeit Parts Integrated Projects Team, and the TechAmerica Supply Chain Assurance Committee. He helped establish the Center for Hardware Assurance, Security, and Engineering (CHASE) center at the University of Connecticut, and served as the lead on the industry advisory board. The CHASE consortium has now transitioned into the Center for Hardware and Embedded Systems Security and Trust (CHEST) consortium. He has also been a member of the US Customs and Border Protection Advisory Committee on Commercial Operations Intellectual Property Rights Subcommittee and member of the Industry Advisory Group for Government-Industry Data Exchange Program (GIDEP). He is the Co-Chair of the NDIA Trust and Assurance Committee within the Electronics Division.</p> <p>Mr. DiMase has a successful track record of building teams, inspiring and motivating staff, collaborating and leading cross-functional and cross-industry groups with individuals from industry, government and academia. He is the recipient of the PBN 2022 Leaders & Achievers Award Program in Rhode Island. This award program recognizes senior leaders and achievers for their notable success and strong leadership both in their fields and to the region. He is also the recipient of the 2021 SAE Aerospace Engineering Leadership Award from SAE International in recognition of leadership and impactful contributions made within the Aerocyonics organization, the Aerospace community and industry at large. Other awards he has received include the Dr. Desmond G. Newman Award for Supply Chain Excellence from the National Defense Industrial Association Manufacturing Division, the Arch T. Colwell Cooperative Engineering Metal from SAE International, and the Achievement Special Recognition Award at DMSMS by the U.S. Department of Defense in recognition of superior leadership and contributions in counterfeit prevention.</p> <p>Mr. DiMase has an Executive MBA from Northeastern University. He has a Six-Sigma Green Belt Certificate from Bryant University. He received his Bachelor of Science degree in Electrical Engineering from The University of Rhode Island.</p>
 <p>Lori Gordon Space Enterprise Integration Initiatives Leader Corporate Chief Engineer’s Office The Aerospace Corporation</p>	<p>Lori W. Gordon leads Space Enterprise Integration initiatives in the Corporate Chief Engineer’s Office at The Aerospace Corporation. In her role, she serves as an expert in national and homeland security, cybersecurity, and infrastructure risk and resilience. At Aerospace since 2018, she provides leadership across a range of critical infrastructure protection initiatives and internal technology strategy and investment. Gordon is also a partner with Aerospace’s Center for Space Policy and Strategy (CSPS) and leads Aerospace’s engagement with myriad collaborators, including the Space Information Sharing and Analysis Center and the National Security Institute (NSI). With more than 20 years of professional experience, Gordon has contributed to the development of national-level strategies, capabilities, and programs across homeland, intelligence, and civil agencies.</p> <p>Gordon began her career focusing on energy efficiency and renewable energy policy supporting the Department of Energy before expanding her domain expertise across other critical infrastructure sectors, including information and communications technology and the defense industrial base. At The MITRE Corporation from 2005 to 2014 and at a Washington,</p>


**October 26-28, 2022 ANSI Workshop on Global Supply Chain Security for Microelectronics Standardization
Speaker Biographies (Updated 10/24/2022)**

	<p>D.C.-based strategy consultancy from 2014 to 2018, she led critical infrastructure security portfolios working with the government to reduce risk and accelerate adoption of emerging technologies.</p> <p>Gordon continues to collaborate on policy and technical publications with the Atlantic Council, the NSI, and other think tanks on space industrial base; positioning, navigation, and timing; supply chain; and cybersecurity.</p> <p>Gordon earned a bachelor’s degree in geography cum laude from the University of Maryland, College Park, and a master’s degree in public administration from the University of Massachusetts, Amherst. She is a certified Project Management Professional (PMP®).</p> <p>Gordon has received numerous officer’s awards and special recognition awards, including the Government Technology Services Coalition Citizen of Mission Award for her work in science, technology, engineering, and math (STEM) programming across the interagency.</p>
 <p>Will Helfrich Senior Consultant Booz Allen Hamilton</p>	<p>Will is a Senior Consultant for Booz Allen Hamilton and remains involved in the company’s supply chain practice. His work includes both supporting SCRM modernization efforts for the Department of Veterans Affairs and researching information on DoD semiconductor foundry access and capabilities, including the impact of the CHIPS and Science Act on domestic industry. Prior to Booz Allen, he worked with the U.S. Department of Commerce’s Bureau of Industry and Security and contributed to the agency’s 100-Day Report on Semiconductor Manufacturing and Advanced Packaging supply chains under Executive Order 14017.</p>
 <p>Kirsten M. Koepsel, JD LLM Project Engineer Aerocyonics, Inc.</p>	<p>Since 2012 Kirsten M. Koepsel has been working in the area of cybersecurity and policy including authoring several SAE books on commercial aviation and associated supply chains and cybersecurity, editing annually a chapter for a data security and privacy law book as well as participating on the SAE G-32 Committee that is writing standards for cyber physical systems security, and hardware and software assurance. Her background also includes an aerospace trade association in Washington, DC where she monitored issues, policies, and regulations. She has also worked for the National Institute of Standards and Technology’s Manufacturing Extension Program (NIST MEP) at the University of Texas at Arlington. In addition, she worked for ten plus years in the defense industry where she focused on aircraft manufacturing, engineering, production and quality control support for the F-16, research, manufacturing assistance, and the National Aerospace Plane (NASP). Ms. Koepsel received her LLM and JD from the Franklin Pierce Law Center (now the University New Hampshire Franklin Pierce School of Law). She earned a Bachelor’s degree in Metallurgical Engineering from the University of Tennessee and Bachelor’s and Master’s degrees in Microbiology and Grain Science from Kansas State University.</p>

**October 26-28, 2022 ANSI Workshop on Global Supply Chain Security for Microelectronics Standardization
Speaker Biographies (Updated 10/24/2022)**

 <p>Stephanie Lin Defense Microelectronics Cross Functional Team U.S. Department of Defense</p>	<p>Stephanie is currently serving as contractor support for the Defense Microelectronics Cross-Functional Team in microelectronics-related policy and Congressional activities to include the development of trusted supply chain and operational security standards and DoD policies for microelectronics assurance. Prior to this role, she worked for the Strategic Technology Protection and Exploitation office within the Office of the Under Secretary of Defense for Research and Engineering where she drafted and coordinated on DoD policies across various program protection and related disciplines to include policies on Critical Program Information, Anti-Tamper, and Hardware Assurance. She also facilitated the establishment and execution of the Strategic Radiation-Hardened Electronics Council which is now the coordinating body for DoD on radiation-hardened microelectronics. She has a M.S. in Computer Engineering and a B.S. in Electrical and Computer Engineering.</p>
 <p>Jim McCabe Senior Director, Standards Facilitation American National Standards Institute</p>	<p>Jim McCabe serves as senior director, standards facilitation, at the American National Standards Institute (ANSI), where he directs standards coordination activities for emerging technologies. Recent projects include:</p> <ul style="list-style-type: none"> • partnering with America Makes and the community to update a standardization roadmap for additive manufacturing (3D printing) • developing a roadmap of codes and standards for electric vehicles at scale • organizing workshops on behalf of the U.S. Department of Defense on global supply chain security for microelectronics standardization • organizing meetings on standardization and the commercial space industry • spearheading the development of a standardization roadmap for unmanned aircraft systems (drones) to facilitate their safe integration into the U.S. national airspace <p>A member of the ANSI staff since 1995, Mr. McCabe has been recognized by America Makes with its Distinguished Collaborator Award, and by SES, the Society of Standards Professionals, with its Honorary Life Member award.</p>
 <p>Daniel Radack, PhD Assistant Director Information Technology and Systems Division Institute for Defense Analyses (IDA)</p>	<p>Daniel Radack is an Assistant Director in the Information Technology and Systems Division at the Institute for Defense Analyses (IDA) where he analyzes challenges related to microelectronics for the US Government and develops solutions and courses of action. From 1997 to 2006, he was with DARPA as a Program Manager in the Microsystems Technology Office (MTO) where he started and managed a portfolio of R&D programs that advanced high performance semiconductor technologies and he conceived the first efforts in trusted microelectronics research, including the DoD's trusted multi-project wafer program. Research under those DARPA programs led to foundational advances to the state of art in transistor structures, Silicon-Germanium, Silicon-on-Insulator, Silicon-Carbide power devices, radiation hardening by design, platform-based design, multi-chip packaging, thermal management, and heterogeneous integration/3D integration. In 1997, he conceived and initiated the Focus Center Research Program, pioneering a joint funding and management model among the Federal Government (DoD/DARPA), State and Local Government, and the US Semiconductor Industry and suppliers to manage research centers at US academic institutions, a very successful model of joint research that</p>

**October 26-28, 2022 ANSI Workshop on Global Supply Chain Security for Microelectronics Standardization
Speaker Biographies (Updated 10/24/2022)**

	<p>continues today 25 years later. Prior in the early 1990's he assisted DARPA in technical management of SEMATECH and other dual-use programs to accelerate industrial competitiveness. Before that, he worked in the defense electronics industry and for NIST where he studied silicon and GaAs dynamic test circuits and semiconductor metrology. He has a BS, MS, and Ph.D. in Electrical Engineering from the University of Maryland. He is a Fellow of the IEEE.</p>
 <p>Christine Rink OUSD (R&E) CT, Microelectronics U.S. Department of Defense</p>	<p>Christine Rink is detailed to OUSD (R&E) Modernization from the Aerospace Corporation. In her current role she leads policy, guidance and standards efforts supporting access and assurance for DoD microelectronics. She has over twenty years of experience in the design and development of microelectronics and has worked in hardware assurance for more than a decade. Prior to joining the OUSD (R&E) team, Christine served as the ASIC lead for a high-volume, ASIC focused DoD program. She has successfully enabled state of the art microelectronics access for programs by developing approaches to reconcile program technology needs with DoD trust policy and export control regulation.</p> <p>Christine holds a BS in biomedical and electrical engineering and a MS in electrical engineering from the University of Southern California.</p>
 <p>Devanand Shenoy, PhD Principal Director, Microelectronics OUSD (R&E) CT U.S. Department of Defense</p>	<p>Dr. Dev Shenoy joined the Office of the Under Secretary of Defense for Research and Engineering, OUSD(R&E), as the Principal Director for Microelectronics in July 2021. In this role, Dr. Shenoy is responsible for leading the Department of Defense's research and engineering efforts in Microelectronics.</p> <p>Prior to joining OUSD(R&E), Dr. Shenoy served as the Director of Microelectronics Innovation and as Director of Advanced Technologies at the University of Southern California's Information Sciences Institute.</p> <p>Prior to joining USC/ISI, Dr. Shenoy served as Chief Engineer in the Advanced Manufacturing Office at the Department of Energy (DOE) HQ. In that role, he co-authored DOE's 2015 QTR (Quadrennial Technology Review) that served as a blueprint for DOE's energy technology investments. Among other initiatives, Dr. Shenoy proposed and led a "Big Idea" for U.S. national security and economic competitiveness within the Office of EERE (Energy Efficiency and Renewable Energy) on "Beyond Moore Computing" with participation from eight DOE National Labs.</p> <p>Prior to joining DOE, Dr. Shenoy served as a Senior Advisor at the Manufacturing and Industrial Base Policy (MIBP) Office within the Office of the Secretary of Defense (OSD) as a detailee from the Army Night Vision and Sensors Directorate (NVESD) at Fort Belvoir. In that role, he co-led a Telecom initiative with the White House Office of Science and Technology Policy (OSTP) to explore U.S. opportunities in Optical networks. While at OSD/MIBP, Dr. Shenoy proposed and helped develop a public-private</p>

**October 26-28, 2022 ANSI Workshop on Global Supply Chain Security for Microelectronics Standardization
Speaker Biographies (Updated 10/24/2022)**

	<p>partnership in Photonics that led to the creation of the AIM Photonics Institute.</p> <p>Prior to serving at OSD/MIBP, Dev was a Program Manager at DARPA, (Defense Advanced Research Projects Agency), where he developed and managed cutting-edge technology programs in the areas of Spintronics, such as the STT-RAM (Spin Torque Transfer Random Access Memory) program, a technology that was successfully transitioned and commercialized; Dr. Shenoy also developed and led programs in Photonics and MEMS for defense and commercial applications.</p> <p>Dr. Shenoy has a Ph.D. in Physics from the prestigious Indian Institute of Science in Bangalore, India, and NSF postdoctoral experience from Case Western Reserve University in Cleveland, Ohio.</p>
--	--