



AGENDA
EMERGING STANDARDS PROFESSIONALS WORKSHOP:
Leadership and Engagement in ISO and IEC Activities

November 12–14, 2024
In-person only

ANSI Headquarters
 1899 L Street NW, 11th Fl, Washington, DC, 20036

National Housing Center (NHC)
 1201 15th Street, NW, Washington, DC, 20005

Advance Registration Required: www.ansi.org/wsweek

Tuesday: 11/12	
9:00 –10:00 ANSI HQ	Coffee and light breakfast
10:00 –10:30 ANSI HQ	Overview of USNC, YEP, IEC, ISO and Intro to the Week—What to Expect Carrie Schmaus <i>Acting Associate Director at the National Oceanic & Atmospheric Administration (NOAA)’s Pacific Marine Environmental Laboratory</i> Eric Franca <i>Director of the Conformity Assessment Program Division of Standards and Conformity Assessment - CDRH/FDA</i> Samuel Lum <i>Standards Advisor, U.S. FDA Global Technology Policy</i>
10:30–12:00 ANSI HQ	Emerging Standards Professionals Workshop: Leadership and Engagement in ISO and IEC Activities Career Panel Moderator: Carrie Schmaus <i>Acting Associate Director at the National Oceanic & Atmospheric Administration (NOAA)’s Pacific Marine Environmental Laboratory</i> Megan Hayes <i>Vice President, Standards and Technical Services for the National Electrical Manufacturers Association (NEMA)</i> Kevin Lippert <i>Senior Advisor International Standards with UL Standards & Engagement</i> Amanda Johnson <i>Compliance Engineer for TTS North America</i>

12:00–12:45 ANSI HQ	Lunch
12:45 – 1:00 Walking	Commute between locations
1:00–4:00 NHC	Speed Networking: Connections for Sustainability In conjunction with World Standards Week

Wednesday: 11/13	
8:00–9:00 NHC	Networking Breakfast In conjunction with World Standards Week
9:00–12:00 NHC	Standards and Sustainability Conference In conjunction with World Standards Week
12:00 – 12:15 Walking	Commute between locations
12:15-1:00 ANSI HQ	Lunch
1:00–4:00 ANSI HQ	Standard in a Day Bootcamp Ian Gardner <i>Head of IECAcademy & Capacity Building, IEC</i>

Thursday: 11/14	
9:00–10:00 ANSI HQ	Coffee and light breakfast
10:00–12:00 ANSI HQ	Conformity Assessment Bootcamp/Overview Warren Merkel <i>Vice President, Policy for the ANSI National Accreditation Board (ANAB)</i> Eric Franca <i>Director of the Conformity Assessment Program Division of Standards and Conformity Assessment - CDRH/FDA</i>
12:00–1:00 ANSI HQ	Lunch
1:00–3:00 ANSI HQ	Emerging Topics Session Grace Callahan <i>Senior Standards Planning Analyst at UL Standards & Engagement</i> Chris Carnahan <i>Assistant Vice President, Standards at Aerospace Industries Association</i> Muhammad Ali <i>Senior Standards Strategy and Policy Leader for HP, Inc</i> Rohit Israni <i>Chair AI Standards US (INCITS), Responsible AI Tech and Business Leader</i>

<p>3:00–3:30 ANSI HQ</p>	<p>Wrap Up</p> <p>Eric Franca <i>Director of the Conformity Assessment Program Division of Standards and Conformity Assessment - CDRH/FDA</i></p> <p>Mack Connors <i>Program Administrator of International Policy – USNC/IEC American National Standards Institute (ANSI)</i></p>
<p>4:15–7:30 NHC</p>	<p>U.S. Celebration of World Standards Day 2024 Theme: Shared Vision for a Better World: Standards for the Changing Climate</p> <p>4:15–5:00: Networking reception and exhibits 5:00–6:00: WSD Program 6:00–7:30: Continued networking reception and exhibits</p>

SPEAKERS AND BIOS

Overview of USNC, YEP, IEC, ISO and Intro to the Week—What to Expect



Carrie Schmaus is currently on a detail (temporary work assignment) serving as the Acting Associate Director at the National Oceanic and Atmospheric Administration (NOAA)'s Pacific Marine Environmental Laboratory, but usually is a Marine Energy Technology Manager at the Water Power Technologies Office (WPTO) at the U.S. Department of Energy. She is also a 2024 Excellence in Government Fellow and a 2018 Young Professional Leader at the International Electrotechnical Commission (IEC). Before spending two years with WPTO as a NOAA Knauss Marine Science and Policy Fellow and ORISE Fellow from 2018-2020, she worked as a research fellow at the National Council for Public-Private Partnerships, a DC-based non-profit that supports successful public-private partnership models. Her master's is from the School of Marine and Environmental Affairs at the University of Washington, and she graduated Phi Beta Kappa from Wittenberg University with a degree in biology.



Eric Franca received his PhD in Biomedical Engineering from the University of Florida where he investigated novel carbon nanomaterials for developing more effective neural electrodes. He began his professional career as a lead reviewer of medical devices at the Food and Drug Administration. He subsequently moved into a policy analyst position managing the content and publication of guidances, orders, and regulations related to medical device review and policies. He currently serves as the Director of the Conformity Assessment Program (CAP) in his role as an Assistant Director within the Division of Standards and Conformity Assessment (DSCA). Concurrent with his work as a regulator within the FDA, Dr. Franca has participated in standards development, serving in leadership positions in several national bodies and standards development organizations. He was selected as a USNC IEC Young Emerging Professional in 2018 and continues to encourage participation in the standards community, including as Vice Chair of the Young Emerging Professional Committee of the USNC and Co-Chair of FDA's Emerging Standards Professionals Community of Practice.



Samuel Lum is an standards advisor in the Standards Management Program at the U.S. Food and Drug Administration, Center for Devices and Radiological Health. Recently, he was assistant to the Principal U.S. Chief Technology Officer at the White House. During his FDA career, Sam was detailed as an infection control researcher and as a plastic surgery device reviewer. Mr. Lum graduated with a bachelor's in mechanical engineering from Rochester Institute of Technology and is finishing up his Master of Science in Global Technology Development from Arizona State University.

Leadership & Engagement in ISO & IEC Activities



Megan Hayes is the Vice President, Standards and Technical Services for the National Electrical Manufacturers Association (NEMA). In that role, she is responsible for managing and improving NEMA standards development processes, participation in outside standards bodies, and oversight of NEMA technical work. Megan has more than 20 years of experience in developing standards and managing their implementation industry wide. She has facilitated standards development for several industry sectors, including Plastics, Medical Imaging, Lighting, Consumer Technology and Telecommunications. She has managed dozens of committees and working groups and helped develop and publish hundreds of technical documents. Megan is the recipient of the ANSI Next Generation Award, Meritorious Service Award, and the Astin-Polk International Standards Medal. She is accredited by the Society for Standards Professionals as a Certified Standards Professional (CStd).



Kevin J. Lippert is Senior Advisor International Standards with UL Standards & Engagement. He spent 35 years with Eaton Corporation, retiring as Senior Manager, Codes & Standards, responsible for their Electrical Sector's overall codes & standards strategic direction. He is also Past-President of the United States National Committee (USNC) to the IEC.



Amanda Johnson is a Compliance Engineer for TTS North America, an innovative power tool manufacturer that includes the brands Festool, SawStop and Shaper. In this role she manages product certifications, tracks regulatory changes, and supports standards development internationally and nationally. She graduated from Gonzaga University with a B.S. in engineering management (mechanical engineering) in 2017. Amanda is a US subject matter expert on IEC Technical Committee (TC) 116 Working Groups 7 and 8, and ISO TC 39/SC 4. She is a member of ANSI Accredited Standards Committee (ASC) O1 and UL Standards Technical Panel (STP) 745, along with serving as Chair-Elect for the Wood Industry Association's Technical Standards Committee. She is also involved in the USNC, including as a member of the mentoring program as a mentor, as a member of the Young and Emerging Professionals Committee, and as a member of the Communications Committee. Outside of work, Amanda is an active member of the Society of Women Engineers.

Standard in a Day Bootcamp



Ian Gardner Leads the IEC Secretariat's learning initiatives; his background includes instructional design qualifications and workplace/education learning related experience. Joining the IEC in 2020, Ian spearheaded the launch of the IEC Academy online learning platform. Appointed to head the Academy team in 2022, Ian is dedicated to evolving the department to best support the IEC's vision for the future.

Conformity Assessment Bootcamp/Overview



Warren Merkel serves as Vice President, Policy for the ANSI National Accreditation Board (ANAB), where he leads ANAB's public and international policy efforts. His responsibilities include engaging with stakeholders at the Federal, state and local levels, and representing ANAB in international accreditation cooperations. Previously, Mr. Merkel led the Standards Services group in the Standards Coordination Office of the National Institute of Standards and Technology (NIST). Mr. Merkel also co-convened the working groups that revised ISO/IEC 17025:2017, General requirements for the competence of testing and calibration laboratories and ISO/IEC 17060:2022, Conformity assessment—Code of good practice. Earlier in his NIST tenure, Mr. Merkel was Chief of the National Voluntary Laboratory Accreditation Program (NVLAP).

Emerging Topics Session



Grace Callahan is a Senior Standards Planning Analyst at UL Standards & Engagement where she investigates industry trends, analyzes data, and provides insights to inform the development of new safety standards.

In her current role, Grace also leads projects to help create a safer world for everyone through standards. One of these projects focuses on exploring how to incorporate accessibility needs into standards and increasing representation, engagement, and participation of people with disabilities in the standards development process. Grace also leads an initiative to ensure that UL standards are gender-responsive by addressing the physical and physiological differences between genders while actively participating on the ISO/IEC Joint Strategic Advisory Group on Gender-Responsive Standards.

Grace was selected as an International Electrotechnical Commission Young Professional by the U.S. National Committee to represent the U.S. at the 2022 IEC General Meeting. She also holds a bachelor's degree in international relations from North Carolina State University.



Chris Carnahan, MPA, FSES, AStd leads AIA's National Aerospace Standards program. The National Aerospace Standards are industry standards that provide standard practices and part standards for the aerospace & defense industry. The NAS part standards provide the necessary information to manufacture components and fasteners that are used on commercial and military aircraft and spacecraft.

Chris oversees AIA's standards team, serves as the staff liaison to AIA's Standards Governance Council, and serves as the Committee Manager for 2 international standards committees: ISO/TC 20, Aircraft & Space Vehicles, and ISO/TC 20/SC 16, Unmanned Aircraft Systems.

Chris is a member of the ANSI International Forum (AIF), ANSI International Council (AIC), and the ANSI Organizational Member Forum (OMF). Chris serves as a Board member for SES - The Society for Standardization Professionals, was awarded the society's Lorne K. Wagner Award in 2015 for outstanding contribution to the growth and development of SES and was awarded the designation of SES Fellow in 2020 for over 10 years of service to the Society.

Before joining AIA, Chris was the Manager, Standards Operations for the Compressed Gas Association, a trade association in the Washington, D.C. area that develops technical and safety standards for the compressed gas and medical gas industry. Chris has a Master's Degree in Public Administration from George Mason University and a Bachelor of Arts degree in Political Science from the University of Mary Washington.



Muhammad Ali is a Senior Standards Strategy and Policy Leader for HP, Inc. He is responsible for managing the external standards engagement and leading HP's efforts in US-based standards organizations. He is a Certified Standards Professional with leadership in voluntary consensus-based standards development, conformity assessment, and emerging technologies in consumer and electrical industry sectors.

Ali previously served as a Program Manager for the National Electrical Manufacturers Association (NEMA) where he was involved with maintenance of ANSI, NEMA, CANENA, IEC, and ISO Standards. Ali holds a Bachelor of Science degree in Electrical Engineering from George Mason University and has served on Society of Standards Professional as a Board Member. He currently serves on INCITS Executive Board and is also a JTC 1 appointed PAS mentor. He is a past recipient of the ANSI Next Generation Award, SES Emerging Professional Award, ANSI George S. Wham Leadership Medal and INCITS Chair Award.



Rohit Israni is the founder and CEO of CertientAI. He is also the Chair AI Standards for INCITS/AI, the US TAG to ISO/IEC (ISO/IEC JTC 1/SC 42). He is also the liaison for SC 42 with the Organization of Economic Cooperation and Development (OECD) and with ML Commons. Prior to founding CertientAI, he led Intel's global scale ecosystem enabling programs in the Developer Relations Division for AI, Datacenter and Network, of which he co-founded the AI partnership program (Intel AI Builders).

Rohit earned a master's degree in engineering with a specialization in robotics and AI from Tulane University. He also holds a master's degree in management science & engineering from Stanford University where he was a part of the Stanford Technology Ventures Program

THANK YOU TO OUR WSW SPONSORS!

DIAMOND SPONSORS



PLATINUM SPONSORS



GOLD SPONSORS



FRIENDS OF WORLD STANDARDS WEEK



ADVANCING SAFETY AND SUSTAINABILITY THROUGH API STANDARDS FOR 100 YEARS

Since 1924, API has published more than 800 standards, guidelines, and other documents that enhance safety, efficiency and environmentally responsible industry practices.

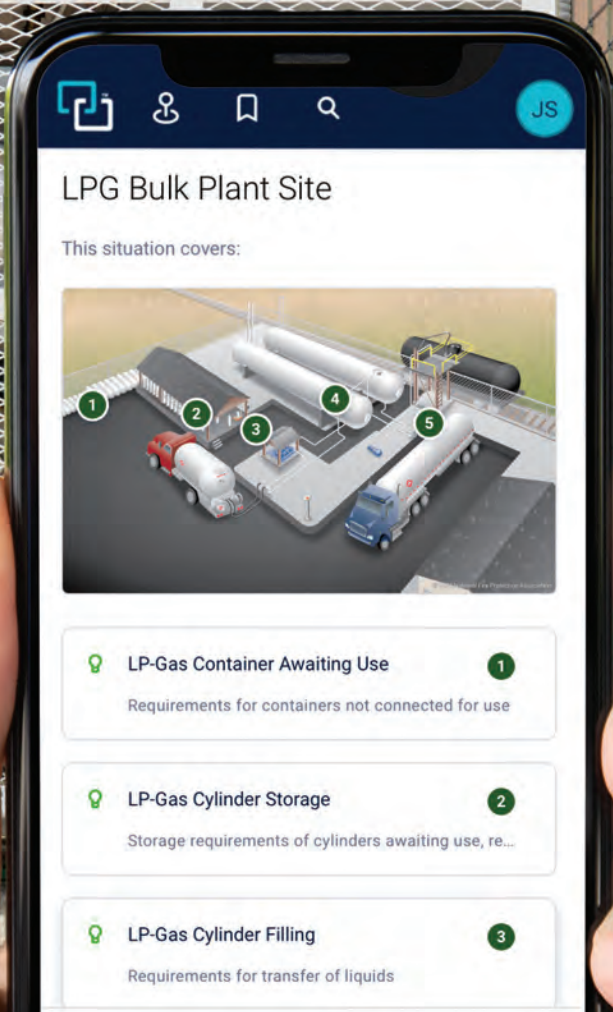
API | 100 YEARS OF STANDARDS

100yearsofstandards.api.org



NFPA LINK[®]

Your window
to productivity



**WITH NFPA LINK[®] YOU HAVE
ACCESS TO NFPA[®] CODES
AND STANDARDS, EXPERT
COMMENTARY, VISUAL
AIDS, AND MORE—ALL IN
THE PALM OF YOUR HAND.**

**LEARN MORE AND
GET STARTED AT
[NFPA.ORG/LINK](https://www.nfpa.org/link)**



Developing Standards to Responsibly Grow the Industry

SEIA is leading the solar and storage industries by developing national standards that build upon SEIA's Solar Century goals. By developing accredited national standards, SEIA is proactively tackling issues that build confidence and mitigate risks among customers, regulators, investors, rating agencies, and other stakeholders.



CONSUMER PROTECTION

Ensuring transparent, ethical solar sales practices and raising the bar for safety and durability of solar and energy storage installations.

SUSTAINABILITY

Addressing circularity challenges concerning equipment supply chain traceability, decommissioning, end-of-service management, and service provider requirements for reuse, refurbishment, and recycling.

TRAINING

Guidelines for salespeople, installers, and technicians that ensure solar and energy storage systems are installed, operated, and maintained safely with a high level of quality.

Learn more
at seia.org



Safety Science in Action

UL Standards & Engagement is a nonprofit safety advocacy organization dedicated to making the world safer, more secure, and more sustainable.

As a science-backed safety advocate with global reach, we engage key stakeholders to advance our mission worldwide. UL Standards & Engagement is a trusted and objective resource for an international array of public and private partners. Our public outreach initiatives, safety advocacy, and related coalition-building activities leverage standards that measurably impact public safety in nations throughout the world.

Recently Published Reports



Consumer Perceptions on Sustainability & Energy Transition



Raising the Risk: How Safety Oversights of E-Mobility Riders Threaten More Lithium-Ion Battery Fires

Our Approach to Advocacy



Insights & Policy Analysis

The insights & policy analysis team proves data-driven intelligence to understand behaviors, emerging trends, and relative policy issues regarding safety, security and sustainability. Primary activities of their work includes quantitative and qualitative thematic insights and analysis to inform and support ULSE strategic engagement pillars and tracking core behavioral and attitudinal trends in consumer and industry sentiment.



Partnerships

The partnerships team builds relationships with partners and policymakers to educate them on the importance of safety standards while also connecting with industry leaders and trade associations on collaboration opportunities.



Communications

The communications team establishes UL Standards & Engagement as a thought leader delivering practical solutions. Through deploying the power of compelling stories, from the voices of firefighters and flight attendants to parents and small business owners, the team's work highlights risks, the importance of standards, and promotes solutions.



YOUR AI-POWERED KNOWLEDGE ASSISTANT

Built for associations and powered by a team of association and AI experts, Betty is here to help connect your members to the information they need, when they need it



Hi, I'm Betty. How can I help you today?

Betty, I'm trying to...

Synthesize decades of technical knowledge

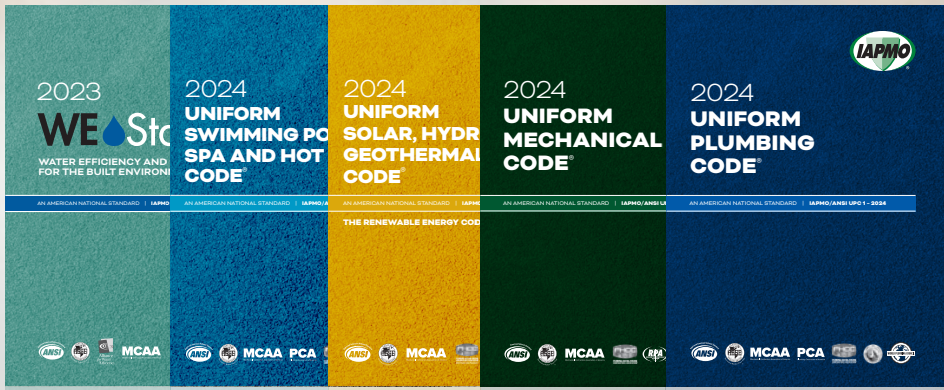
Navigate dense standards documents

Get quick answers to complex questions

Proud sponsor of World Standards Week!

For more information, find us at World Standards Week or **Book a Demo** at bettybot.ai

UNIFORM CODES COMPREHENSIVE AND SUSTAINABLE



With its *UPC*, *UMC*, *USHGC*, *USPSHTC* and *WE•Stand* designated as American National Standards, IAPMO is proud to utilize an open consensus process accredited by the American National Standards Institute (ANSI) in its code development practice.



**LIVE BY THE CODE
LIVE IT – LEARN IT – BUILD IT**

[WWW.IAPMO.ORG](https://www.iapmo.org)

We've been driving standards for 25 years. Let's face it. Not everyone can.

After 25 years, we know that nothing in the world of standards is automatic. It takes talent and experience. That's what Virtual brings to the table. We've helped standards groups get their work done. Driving innovative strategy. Running flawless operations. Organizing exceptional meetings and conferences. Creating compelling marketing. No matter what your needs, we come through in the clutch.

Contact us to get your organization into a higher gear.



virtualinc.com • (781) 276-0500 • info@virtualinc.com

ACCURIS

Formerly IHS

Accuris unleashes innovators to build a better future. For over 60 years, Accuris has supported leading engineering organizations with advanced technology, critical data, industry standards, patents, insights, and tools to optimize project workflows and drive efficiency and transformation through digital engineering.

2.5M+
Industry standards

900,000+
Active users

450+
Partnerships with global standards publishers

77M+
Technical articles, journals, and books

107M+
Patents, patent applications, utility models, and abstracts

7,500+
Global Customers

Visit Our Page:
Please scan



**ENGINEER AMBITIOUSLY.
ACCELERATE INNOVATION.
REINVENT THE WORLD.**



ADVANCING STANDARDS
TRANSFORMING MARKETS

Happy World Standards Week

FROM ASTM INTERNATIONAL

GO.ASTM.ORG



Market-shaping decisions start here.

Visit cta.tech/Standards to download CTA standards or get involved.

NEMA

Market Development Through Standards

NEMA is an ANSI-accredited standards developing organization that publishes standards to advance **safety, efficiency, and sustainability**, expanding market opportunities for the electrical and medical imaging industries. NEMA technical documents cover millions of products across multiple sectors: **buildings, lighting, utility, industrial, transportation, and medical imaging**.

Learn more at: nema.org/standards

NOTES
