



# WELCOME

October 19, 2017  
The Mandarin Oriental  
Washington, DC





# Schedule of Events

**5:30–7:00 PM** COCKTAIL RECEPTION

**6:40–7:10 PM** MUSIC  
**USPHS Brass Ensemble**

**7:00–8:00 PM** WELCOME REMARKS  
*Master of Ceremonies*  
**Robert Jensen**  
President and CEO  
*Association for the Advancement of Medical Instrumentation*

DINNER SERVED

**8:00–9:00 PM** INTRODUCTORY REMARKS FROM WSD CO-CHAIR  
**S. Joe Bhatia**  
President and CEO  
*American National Standards Institute*

WSD PAPER COMPETITION AWARD WINNERS  
**Edward F. Mikoski, Jr.**  
President  
*SES – The Society for Standards Professionals*

INTRODUCTION OF THE 2017 RONALD H. BROWN  
STANDARDS LEADERSHIP AWARD WINNER  
**Robert Jensen**

REMARKS FROM THE 2017 RONALD H. BROWN  
AWARD RECIPIENT  
**Charles Sidebottom**  
Managing Partner, PPO Standards LLC

CLOSING REMARKS FROM WSD CO-CHAIR  
**Gordon Gillerman**  
Director, Standards Coordination Office  
*National Institute of Standards and Technology*

October 19, 2017

Dear Friends:

On behalf of the members and staff of the American National Standards Institute, it is my pleasure to welcome you as we gather together for the U.S. Celebration of World Standards Day 2017.

The theme of this year's event is *Smart Health: Using Intelligent Systems to Improve the Quality and Delivery of Healthcare in a More Integrated, Focused Approach*. It's fair to say that there is no area of rapid innovation in which trust, quality, and reliability are more critical than in healthcare—truly life and death impact. And as medical technologies get “smarter” and more interconnected, standards and conformity assessment are the tools that help assure cutting-edge equipment, systems, and processes are safe, effective, and interoperable.

With standardization fueling the innovation, intelligent systems are revolutionizing modern healthcare, providing new ways for treatments to reach patients, and supporting a safe and streamlined approach to accessing vital medical information. From a hardware perspective, standards enable products and systems to work together safely and efficiently. From a software and Internet of Things perspective, they help ensure information is shared accurately and effectively across devices, systems, and networks. And from a privacy and safety perspective, standards help keep personal health information secure. No matter where you look in the healthcare field, standards and conformity assessment are working together to make smart health possible.

Tonight, we celebrate the community of volunteers who develop these critical solutions, and the power of the U.S. standardization system. The open collaboration and broad engagement of the diverse technology sectors, government agencies, standards developers, and stakeholders of all kinds that work together to write standards for life-saving health technologies are at the core of what make a voluntary consensus standard worth trusting.

As co-chair of the U.S. Celebration of World Standards Day Planning Committee, ANSI salutes this community for its many contributions and successes. We look forward to continued partnerships for a long and healthy future.

With best wishes,



**S. Joe Bhatia**  
President and CEO



## U.S. Celebration of World Standards Day 2017

### Smart Health: Using Intelligent Systems to Improve Quality and Delivery of Healthcare in a More Integrated, Focused Approach

Intelligent systems allow doctors and hospitals to deliver better, more coordinated healthcare and to reach more patients in underserved and remote areas. These systems help to improve communications, minimize errors, and maximize cost efficiency. They improve coordination between providers, for example, by making sure your primary care physician receives an automatic notification when you are admitted to an emergency room. They've also made it easier for hospitals to report important public health data such as immunizations or lab results.

Intelligent systems and the standards that support them improve communications between patients and their healthcare providers by offering more options for connecting, asking questions, and sharing important information. We are moving toward a future in which medical records will all be digital and not in a paper folder accessible to only a few. With digital systems, a physician can send a patient's records or medical images to the tablet or phone of a caregiver at an out-of-town hospital. Using cybersecurity best practices and standards, those mobile devices and networks can safely and securely transmit and store private medical information. Interoperable designs will ensure that even systems from different developers work together seamlessly.

More devices are becoming wireless, including medical equipment. Wireless infusion pumps dispense the correct dose at the correct times and can be kept secure using standards based, commercially available technologies. The National Institute of Standards and Technology collaborates with medical and information technology organizations to develop best practices and guidance for these and other Internet of Things technologies.

The impact of intelligent systems on healthcare delivery is impressive, and there are more opportunities to make the most of new technologies and to connect those who are currently beyond the reach of high-speed data. We will not be able to reach the full potential that new technologies offer without standards and, therefore, the hard work of people like you. I would like to thank everyone in the standards community for your efforts to improve healthcare and make the world a safer place.

Sincerely,



**Wilbur Ross**

U.S. Secretary of Commerce



# Sponsors

The U.S. Celebration of World Standards Day Committee expresses its appreciation to the sponsors of this evening's event:

- Aerospace Industries Association
- Alliance for Telecommunications Industry Solutions
- American Dental Association
- American National Standards Institute
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- ASIS International
- Association for the Advancement of Medical Instrumentation
- Association of Home Appliance Manufacturers
- ASTM International
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- Consumer Technology Association
- Electronic Components Industry Association
- Higher Logic
- International Association of Plumbing and Mechanical Officials
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- National Institute of Building Sciences
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# World Standards Day Planning Committee

Since the initial celebration in 1970, World Standards Day is now recognized in nations around the globe. The goal of World Standards Day is to raise awareness of the importance of global standardization to the world economy and to promote its role in helping meet the needs of business, industry, government, and consumers worldwide.

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## 2017 ADMINISTRATING ORGANIZATION



Founded in 1967, the Association for the Advancement of Medical Instrumentation (AAMI) is a nonprofit organization celebrating its 50th Anniversary this year. It is a diverse community of approximately 7,000 professionals united by one important mission—the development, management, and use of safe and effective healthcare technology.

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## PERMANENT CO-CHAIRS



Founded in 1901, the National Institute of Standards and Technology (NIST) is a non-regulatory federal agency within the US Department of Commerce. NIST laboratories conduct research in a wide variety of physical and engineering sciences and respond to industry needs for measurement methods, tools, data and technology. NIST's mission is to promote US innovation and industrial competitiveness by advancing measurement science, standards and technology in ways that enhance economic security and improve our quality of life.



Founded in 1918, the American National Standards Institute (ANSI) proudly serves as the coordinating body for voluntary standards, conformity assessment, and related activities in the United States. The Institute represents US stakeholders in regional and global forums such as the International Accreditation Forum, the International Organization for Standardization, and, via the US National Committee, the International Electrotechnical Commission. Members of the ANSI Federation comprise more than 125,000 entities and 3.5 million professionals worldwide.

**Thank you.**

