



JOINT MEMBER FORUM

Empowered by Innovation:

Cutting-Edge Technologies Driving Real-World Solutions

FHI 360 Conference Center ■ 1825 Connecticut Ave NW, Washington, DC 20009

Thursday, October 18, 2018 ■ 9:00 am – 4:30 pm

AGENDA

The 2018 ANSI Joint Member Forum will explore concrete applications of two of the most transformative technologies propelling organizational/business advancement today: blockchain and artificial intelligence (AI). Expert panelists from a range of industries/sectors – including health care, ITC, transportation, shipping, food safety, retail, and government – will share insights on real-world applications of these emerging technologies. And standardization leaders will offer perspectives on how standards and conformity assessment can help drive deployment and further innovation.

While serving as an integrated engagement opportunity for ANSI members across stakeholder groups (including standards developers, companies, trade associations, government agencies, consumer groups, and academia), the Joint Member Forum is open to everyone with an interest in the real-world application of blockchain and AI technologies to meet their organizational goals. The intent is to bring together a highly diverse group of experts and participants to share unique perspectives and find common ground on these cross-cutting technological advancements.

9:15 – 9:30 am

Welcoming Remarks

Joe Bhatia, President and CEO, American National Standards Institute (ANSI)

Joe Bhatia has been president and CEO of ANSI since January 2006. He previously served as executive vice president and COO of the international group at UL. His numerous leadership positions in domestic and global forums have included serving as vice chairman of the Industry Trade Advisory Committee on Standards and Technical Trade Barriers and as president of the Pan American Standards Commission (COPANT).

9:30 – 10 am

Keynote Address

Representative James Grant, Florida House of Representatives, 64th District

James Grant is an innovator and strategist who has been on the frontlines of pushing data interoperability and technology to align the interests of various stakeholders across the healthcare industry. A member of the Florida House of Representatives, he serves as the Chairman of Health Quality and sits on the Health and Human Services, Healthcare Appropriations, Commerce, Justice Appropriations, and Civil Justice committees.

10 am – 10:15 am

Break (as time allows)

10:15 – 12:30 pm

Panel Discussion: How Blockchain Is Transforming the Supply Chain

Experts will share how their organizations are using blockchain for supply chain security, and potential applications that may provide additional solutions for many types of companies and organizations. A moderated Q&A will explore standards that have contributed or may yet have a role to play in advancing the technology.

15-minute presentation by each panelist followed by interactive Q&A session

Moderator: **Claire Ramspeck**, Managing Director, Standards Development, ASME;
Chair, ANSI Organizational Member Forum (OMF)

Claire Ramspeck serves on the ANSI Board of Directors, Executive Committee, Finance Committee, and as an advisor to the Executive Standards Council, among other leadership roles. Before joining ASME she was ASHRAE's director of technology, with a tenure of more than 20 years.

Panelists:

- **Annette Mueller, Senior Commercial Manager North America, Global Trade Digitization Team, Maersk**

Annette Mueller is an expert on the application of blockchain technology in the international shipping industry. She has spoken frequently at government and industry events on improving transparency, accountability, and accuracy in the supply chain and data management with the use of blockchain.

- **Kristin Holzworth, Ph.D., Advanced Manufacturing Operations Cell, MARCORSSYSCOM Rapid Sustainment Office, Space and Naval Warfare Systems Center Pacific**

As the chief scientist of the Advanced Manufacturing Operations Cell, Dr. Holzworth provides capability at the point of need to enable readiness and extend the reach of the operational forces of the U.S. Marine Corps. In 2017 she was appointed to the Naval Innovation Advisory Council, working on operational utility assessments of commercially available Internet of Things (IoT) sensing, processing, and dissemination capabilities.

- **Eric Johnson, Senior Editor, Technology, *Journal of Commerce***

Eric Johnson is a researcher, writer, and editor specializing in financial analysis and network strategies of the liner shipping industry, freight payment, procurement, transportation management, compliance, and global trade management.

- **Shahar A. Abrams, Healthcare Industry Public Sector Blockchain Lead, IBM Global Business Services**

Shahar Abrams leads business development and go-to-market efforts within the federal healthcare space focused on utilizing blockchain technology to find innovative solutions to old problems. He previously focused on research, operations, and business analytics with the USPS, and worked as a statistical modeler focused on preventing waste, fraud, and abuse within Medicare.

12:30 – 1:15 pm

Luncheon

1:15 – 2:15 pm

Annual Business Meeting Presentations

ANSI senior and governance leadership will present the Institute's 2017-2018 Annual Report, and will share information about ANSI's accomplishments over the past year.

- **GP Russ Chaney**, Chair, ANSI Board of Directors

Russ Chaney, ANSI Board Chair, is the CEO of the IAPMO Group. Since 1995, he has worked to further IAPMO's public health, safety, and environmental mission through the promulgation of the Uniform Plumbing, Uniform Mechanical, Uniform Pool and Spa, and Uniform Solar Energy Codes, all designated as American National Standards.

- **Joe Bhatia**, President and CEO, ANSI
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2:30 – 4:25 pm

Panel Discussion: Applications of Artificial Intelligence

Panelists will discuss how AI is transforming business and society and present concrete applications of the technology in various industries and sectors, and/or the standardization work helping to drive this innovation. A moderated Q&A session will look at cross-cutting issues and opportunities, with a particular focus on areas where standards and conformance may have a role to play.

15-minute presentation by each panelist followed by interactive Q&A session

Moderator: **Jim Matthews**, Director, Technical Standards & Standards Policy, Corning Inc.; Chair, ANSI Company Member Forum (CMF)

Jim Matthews is highly active in domestic and international standardization activities. Among many other leadership roles, he has served as president of the U.S. National Committee (USNC) of the International Electrotechnical Commission (IEC), IEC vice-president and chair of the Standardization Management Board, and IEC ambassador for 2017-2018 to promote IEC systems and ICT work.

Panelists:

- **Steve Orrin, Chief Technologist, Intel Federal, Intel Corporation**

Steve Orrin has held several architectural leadership positions at Intel and is the creator of Trusted Compute Pools Cloud Architecture. He is co-author of the National Institute of Standards and Technology (NIST)'s IR-7904 Trusted Geo-Location in the Cloud and a guest researcher at NIST's National Cybersecurity Center of Excellence.

- **David J. Atkinson, Ph.D., Silicon Valley R&D Center, Continental Automotive**

David Atkinson oversees Continental's systems and technology projects for future transportation and mobility systems, with a focus on intelligent driver assistance, autonomous vehicles, and smart cities. He previously worked at the Florida Institute for Human and Machine Cognition, where he led research projects in trustworthy autonomous robotic systems. Dr. Atkinson worked for NASA's Jet Propulsion Laboratory at Caltech for 20 years, and was a founder of NASA's Artificial Intelligence program.

- **Charles (Chuck) Romine, Director of the Information Technology Laboratory (ITL), National Institute of Standards and Technology (NIST)**

Chuck Romine oversees a research program that develops and disseminates cybersecurity standards and guidelines for Federal agencies and U.S. industry. ITL also advances the use of existing and emerging IT to help meet national priorities, including artificial intelligence, cloud computing, electronic voting, smart grid, homeland security applications, and health information technology.

- **Mina J. Hanna, Senior Applications Consultant, Synopsys Inc.; Co-chair, IEEE-SA Global Initiative on Ethics of A/I Systems Policy Committee**

Mina Hanna also serves as chair of the IEEE-USA Artificial Intelligence and Autonomous Systems Policy Committee and vice chair of the IEEE-USA Research and Development Policy Committee. He serves on the editorial board of *IEEE Computer* magazine, and is a member of the IEEE Computational Intelligence Society, the IEEE Society on Social Implications of Technology, and IEEE TechEthics.

4:25 – 4:30 pm

Closing Remarks

- **Joe Bhatia, President and CEO, ANSI**
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