NIST/EAC Future of Voting Systems Symposium – February 26-28, 2013
Panel: "Overview of Standards Development Processes"

ABSTRACT: This panel will look at standards development in a number of different organizations and discuss ways to augment and improve the current standards development process for the EAC Voluntary Voting System Guidelines.

Moderator: Belinda L. Collins was the Senior Advisor for Voting Standards at NIST from 2010-2012. As the Senior Advisor for Voting Standards she was responsible for envisioning, planning, establishing, and implementing a structure and process that encourages the engagement of the full community of stakeholders, including state and local election officials and other federal entities, to ensure the implementation of critical voting standards in accordance with legislation including the Help America Vote Act.

At NIST, Dr. Collins served as a research psychologist, Leader of the Lighting Group in the Building and Fire Research Laboratory, Program Analyst on the NIST Director's staff, Director, Office of Standards Services, Deputy Director and Director, Technology Services, and Senior Advisor for Voting Standards. Dr. Collins is the author of numerous technical publications on lighting and human response, and has been active in both domestic and international standards. Her research included assessment of the quality of lighting systems; effect of light on color appearance; and visibility and understandability of exit signs, safety symbols and directional indicators. This research resulted in standards for color-rendering for meat and poultry inspection, exit signs, general safety symbols, and fire safety symbols. Many of these standards are cited in federal regulations both by USDA and OSHA.

Dr. David Wollman is Manager, Smart Grid Standards and Research at NIST, and serves as deputy of the Smart Grid and Cyber-Physical Systems Program Office, which is responsible for coordinating and accelerating the private-sector development of smart grid standards (see www.nist.gov/smartgrid/ for additional information). He also leads NIST's effort in the White House's Green Button Initiative to enable consumers to securely download their energy usage information from their electric utilities in human- and machine-readable standardized electronic format, working in close coordination with the federal government interagency Green Button team and industry, including in the North American Energy Standards Board. Previously he managed efforts within the NIST Physical Measurement Laboratory to maintain and advance the Nation's electrical standards and metrology supporting the electric power industry, as well as serving in a variety of positions including scientific advisor, program analyst and bench-level scientist. Before joining NIST, Dr. Wollman received his Ph.D. from the University of Illinois at Urbana-Champaign in the areas of superconducting electronics and device micro/nanofabrication. He has received many awards, including two U.S. Department of Commerce Gold Medals and the NIST Applied Research Award, and has three U.S. patents.

John P. Wack is a computer scientist and researcher at NIST, in the area of elections integrity and electronic security. He has authored and managed a variety of IT security-related guidance and assistance activities, notably in the area of voting standards, smartcards, and network security. His current work is in managing the standardization of an XML-based common data format for election systems, working with election officials, manufacturers, and others in the election community. He is vice-chair of the IEEE P1622 working group and editor of common data format standards currently in progress. He also currently works in assessing voting system laboratory testing for the National Voluntary Laboratory Accreditation Program.

David Baquis is an Accessibility Specialist with the U.S. Access Board where he provides training and technical assistance on information and communications technology accessibility. He is currently involved with updating accessibility standards and guidelines under Section 508 of the Rehabilitation Act and Section 255 of the Telecommunications Act. Mr. Baquis has published many articles on assistive and accessible technology. His background blends 30 years of experience in healthcare, consumer education, disability issues, technology, and public policy. Prior to his appointment at the Access Board, he worked as Director of the National Center on Hearing Assistive Technology.

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 US 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 (ANS), 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.