



This award may be presented annually to an individual or entity to recognize major contributions to the development and promotion of IEEE standards products through conformity assessment activities. Major contributions include but are not limited to the following examples:

- Leadership in developing new IEEE conformity assessment and certifications programs
- Enhancing the visibility of IEEE conformity assessment and certification programs
- Promoting the understanding and application of conformity assessment programs as a means of accelerating market adoption of IEEE standards
- Leading and contributing toward development of innovative test tools, test suites

Recognition consists of an engraved wooden plaque.

## IEEE-SA CONFORMITY ASSESSMENT AWARD



Allen R. Goldstein

For his outstanding continued leadership of the IEEE Synchrophasor Measurement Test Suite Specification development and maintenance

Allen R. Goldstein received a Bachelor of Science in Electrical Engineering from the University of Southern California, Los Angeles, CA, 1982. He enlisted in the U.S. Navy in 1976, and trained and served as an aviation electronics technician until 1979 when he enrolled at the University of South Carolina (USC) Navy Reserve Officer Training Corps (ROTC). After graduation, he trained and served as a Navy submarine officer. Beginning in 1987, he took on various roles designing products utilizing draft international standards for musical instrument digital interface (MIDI) and digital audio (AES 3, ISO 60958) while contributing to the drafting of those standards. He led the design of high speed, high resolution analog/digital (A/D) and digital/analog (D/A) converters as well as digital audio signal processing equipment, and architected an audio/video application-specific integrated circuit (ASIC) compliant with draft IEEE 1394™ (Firewire) standards while contributing to the drafting of those and related 1394 Trade Association (1394TA) standards. As an electronics design consultant, he designed a pre-TIVO personal video recording system, a digital audio analysis system, and several other digital audio/video products.

In 2008, after seeing Al Gore's "An Inconvenient Truth," he switched fields and began working on electrical power standards and equipment. He first worked on a "smart" micro-inverter which communicated with household appliances, then worked with Fluke Calibration to lead the design of the first commercially available phasor measurement unit (PMU) calibration system. In 2012, he joined the National Institute for Standards and Technology (NIST) in Gaithersburg, Maryland, USA, and presently works in the SynchroMetrology Laboratory. Allen is vice chair of the joint IEEE/IEC working group for synchrophasor performance standard, IEEE PES PSRC H11 and H21 working groups, chair of the IEEE Conformity Assessment Program (ICAP) Synchrophasor Conformity Assessment Committee, and chair of the North American Synchrophasor Initiative (NASPI) task force on synchrophasor application requirements of PMU performance.