

2013 INCITS Award Recipients

INCITS Chairman's Award

This is an honorary award presented to one INCITS participant who has provided outstanding service to the INCITS organization through committee work or duties assigned by the INCITS Chair. This individual is selected by the INCITS Chair.

- **Michael Hogan**
- **Elaine Newton**

The chairman's award this year recognizes outstanding advocacy in support of INCITS. INCITS is an excellent place to develop American and International standards, but there are alternatives. And we have seen efforts to bolster some of those alternatives at the expense of INCITS and JTC 1. This award recognizes two people, Mike Hogan and Elaine Newton, who have made exceptional contributions in support of INCITS and to protect INCITS from some of the threats we face. Mike has been a strong advocate for why INCITS and JTC 1 are the best place to develop international IT standards. Elaine has been the main driver for INCITS to protect the voluntary standards system from specific threats; her advocacy has been very effective.

INCITS Service Award

This is an honorary award normally presented to no more than four participants who have provided outstanding service to the INCITS organization through committee work or duties.

- **Florence Otieno**

Florence Otieno has worked in her role as TAG Secretary for more than 12 years. Throughout this time, Florence has provided outstanding service and support for three US mirror committees: ISO/IEC JTC 1/SC 25 - Interconnection of Information Technology Equipment, ISO/IEC JTC 1/SC 25/WG 1 - Home Electronic Systems, and ISO/IEC JTC 1/SC 25/WG3 - Customer Premises Cabling.

The high-volume of active projects place immense demands on the TAG Secretary in managing ballot responses and coordinating US TAG meetings to advance the program of work for these committees. The significant demands placed on Ms. Otieno are executed without a single missed deadline for US ballot responses, meeting registrations or any other business of the US mirror committees for which she is responsible.

Ms. Otieno is efficient and responsive in supporting TAG meetings and ballot responses; her attendance at international meetings of SC25 and its working groups has provided valuable insight and support to US experts, project leaders and officers. Ms. Otieno has a rare combination of determination, organization and interpersonal skills that greatly enhance the effectiveness of the US delegation at these meetings.

- **Peter Constable**

Peter has been an active member of INCITS/L2 and also serves as the Unicode liaison to ISO/IEC JTC1/SC2 WG2, which produces ISO/IEC 10646, the international character encoding standard. Peter is also a Contributing Editor to 10646, and is the liaison representative to ISO/TC 37 for SC2. He has additionally been project editor for ISO 639-3.

At SC 2/WG2 meetings, Peter consistently articulates the U.S. positions, providing the technical rationale, while being sensitive to the concerns of other member bodies. One of Peter's key contributions has been to lead ad-hoc meetings during WG2 meetings. Peter's skill in leading such

ad-hoc meetings has been exemplary. In several recent cases, the topics were so contentious that it seemed doubtful that any consensus would be reached at the meeting, thereby significantly delaying approval of important sets of characters. In each case, Peter was able to skillfully handle the discussion, so each side was able to voice their opinion so consensus was successfully reached.

Peter has a deep understanding of the ISO rules and as part of his service, he has mentored others who are new to the ISO on the rules and procedures, with his gentle patience.

- **Steve Holbrook**

Steve is a fair and balanced chair and is truly committed to his role as the Chairman of INCITS/DAPS38, Distributed Application Platforms and Services and works hard at keeping the committee functioning. He has had a challenging atmosphere where most of the US IT vendors are engaged in the development of cloud computing standards, an area where the stakes are perceived as very high and so are the tempers.

Steve has been able to patiently navigate difficult circumstances while never losing his cool, and being fair and balanced, and always wearing his US hat.

In 2012, Steve also forged new territory with the ITU-T joint work on the Collaborative Teams with workman-like attitude. Once he realized that the joint work with ITU-T in the cloud area was looking likely, he quickly developed a deep understanding of the processes for joint work with ITU-T, therefore ensuring the US is prepared for this new venue.

Steve has accomplished the above with good nature and humor.

- **Deborah Anderson**

Deborah is a researcher in the Department of Linguistics at the University of California-Berkeley (UC Berkeley). UC Berkeley has been an INCITS/L2 member since 2008. At UC Berkeley, Deborah runs its Script Encoding Initiative and its National Endowment for the Humanities-sponsored sibling, the Universal Scripts Project.

The proposal of any new script for encoding is a daunting process, at best. Deborah has not only authored or co-authored proposals, but has also excelled at helping new authors through to successful encoding.

In 2008, Deborah became the International Representative (IR) for L2. As the INCITS/L2 IR, Deborah's made significant contributions in moving proposals forward for the encoding of minority and historic scripts, from the writing stage, through the user communities/experts review, to their promotion in JTC 1/ SC 2/WG 2.

Debbie has been a key player in summarizing proposals and the issues in them when they come up for deliberation. She assists the WG 2 convener in the regular preparation of the WG 2 agenda to ensure that all the very complicated script and character proposal documents are on the agenda and appropriately categorized. For years she has been organizing and presenting ballot comment documents and additional request documents for L2 consideration. So her role in coordinating and organizing these documents as they work through two committees has been crucial.

Deborah also works closely with other national bodies in explaining the ISO process and advocating good encoding practices and is a skilled diplomat. Finally, Deborah is steadfastly faithful to the U.S. national body, working with its delegates to JTC 1/SC 2/WG 2 in supporting U.S. national body positions.

*This is an honorary award presented to no more than **four** participants who have demonstrated continuous support for the work of INCITS.*

- **David Black**

David Black's contributions to INCITS/T10 are many. He has improved the quality of T10 standards by holding new proposals accountable to the interests of Storage Array devices in a wide diversity of details from Basic Caching Mechanics to Logical Unit Management for Virtual Machine Configurations. During the past few years, David has devoted significant effort to the Thin Provisioning technology being equally accessible to both Solid State Storage devices and RAID Controllers.

While David's traditional contributions to the development of T10 standards are noteworthy, the area where David has out shown all others is his Liaison duties between IETF, T10, and T11. As the only person to be a co-chair for both the iSCSI working groups in IETF history, David has gone the extra mile to ensure seamless coordination between iSCSI, SAM, SPC, and SBC.

David's view of his IETF Liaison mission is the secret weapon which has raised T10's security toolkit up to industry norms. IKEv2-SCSI would be vaporware were it not for David's ceaseless contributions of fundamental ideas and reviews of other's inputs.

The subject of security features in storage standards leads inexorably to David's security contributions the Fibre Channel family of standard developed by T11. David has served as chair for the FC-SP-2 (Security Protocols) ad hoc and is as responsible as any one person can be for carrying FC-SP-2 to Public Review and Publication.

T11 insiders also cannot forget the beyond-the-call IETF Liaison work David undertook to lead both committees to the finish line on the subject of FC PseudoWire, an IETF standard for the transport of data over the Internet. The published FC-BB-5 instantiated an FC interface on top of PseudoWire with the implicit expectation that an IETF publication would follow soon on its heels.

- **Ken Wacks**

Dr. Kenneth Wacks has been involved with standards activities for many years. Some of his accomplishments have been:

Since 1997, he has been Convener of SC 25/WG1, "Home Electronic System" and Deputy convener of SC25 Project Team SOHO (Small Office, Home Office) and contributor to the standard on structured cabling.

Led the development in SC 25 of about 30 standards and technical reports published by ISO/IEC since 1997.

Wrote and edited standards and technical reports in SC25 covering: Home and building automation, Energy management systems, Lighting control systems, Security systems.

Helped the U.S. take the lead in SC25 to develop standards for Energy management, Residential gateway and Product interoperability

Liaison from SC 25/WG1 U.S. TAG to IEC TC100 U.S. TAG: Audio, Video, and Multimedia.

Dr. Wacks wrote American National Standards in home and appliance networking for the Consumer Electronics Association (CEA) and the Association of Home Appliance Manufactures (AHAM) and was a contributor to ASHRAE standard "Facility Smart Grid Information Model."

Chair of the Home-to-Grid Domain Expert Working Group for the Smart Grid interoperability Panel.

- **William Martin**

Bill martin started out in INCITS/T11 in 1995 and continues to work in all aspects of Fibre Channel development. Bill contributes to these efforts through technical proposals, editorships, and facilitating various Fibre Channel working groups within INCITS/T11 and INCITS/T11.3.

Bill is recognized as one of the principal architects of the Fibre Channel technology and has held many leadership, technical, and marketing roles that helped ensure the success of the Fibre Channel industry. Though Bill's tireless contributions, the Fibre Channel technologies have become the cornerstone of the Storage Networking industry.

Of particular note are Bill's contributions to the documents describing the FC core architecture, the arbitrated loop architecture, and the Fibre Channel Switch Fabric.

Bill facilitated the Switch Fabric group at a time when the industry was making the change from loop topologies to the Switch Fabric. Bill's leadership provided an environment where competing technologies were fairly evaluated, discussed, and integrated to eventually provide the basis for Switch Fabric operation.

In addition to the technical development of Fibre Channel, Bill championed the testing and interoperability efforts that helped ensure the success of Fibre Channel in the marketplace. Bill was instrumental in driving the development of the T11 documents that served as interoperability profiles for the FC industry.

Bill was one of the architects that developed one of the first Fibre Channel protocol chips. This chip was known as the Tachyon chip and was instrumental in getting Fibre Channel from standard to product.

Bill also served in various officer capacities including T11.3 vice-chairman and serving as the T11 secretary.

[Mr. Martin is a past recipient of the INCITS Technical Excellence Award and the Team Award.](#)

INCITS Gene Milligan Award for Effective Committee Management

This is an honorary award normally presented to no more than two INCITS members holding an officer position within an INCITS Subgroup. It recognizes individuals who, as officers, have provided outstanding leadership to the subgroup in its national and/ or international work, have demonstrated proficiency in achieving consensus in the national and/or international arenas and have followed the approved procedures in an exemplary fashion.

- Paul Menard

Paul has been the international representative for INCITS/W1 for seven years. In that time, he has acted as the head of delegation for 4 plenaries and several working group meetings. Both in his capacity as HoD and behind the scenes Paul has been able to form alliances that have benefited the US plan of work. Paul has helped other members of W1 participate more effectively in international meetings by improving their understanding of the politics within other NBs and between NBs.

Domestically Paul has facilitated discussions on all manner of topics in INCITS/W1 from US positions internationally and domestically to matters of planning and preparation for the US hosting events. Overall he has greatly improved the effectiveness and efficiency of INCITS/W1. During difficult discussions with Japan, he was able to work behind the scenes to understand the real reasons for their reluctance and with the US delegation support was able to convince Japan make a very amenable proposal during formal meetings.

Over the years that Paul has been the IR for W1 he has sustained a high level of international engagement on the behalf of W1 to the benefit of the US plan of work. His work in forming alliances has benefited and continues to benefit the US in advancing our positions and standards development.

- **Ajay Luthra**

Dr. Ajay Luthra served as Chair of INCITS/L3.1 from 2004 to 2011. During that tenure, he also led the US National Body in JTC1/SC29/WG11 (MPEG) as its Head of Delegation. As L3.1 Chair, Dr. Luthra was responsible for overseeing the organization and work of the L3.1 committee including the generation of US position and ballot recommendations for a myriad of MPEG projects, most notably for ISO/IEC 14496-10, Advanced Video Coding (AVC) | Recommendation ITU-T H.264.

With respect to the AVC|H.264 video standard, Dr. Luthra additionally served as the vice-chair of the Joint Video Team (JVT), a collaboration team consisting of experts from both MPEG and the ITU-T Video Coding Experts Group (VCEG), responsible for the development of this now ubiquitously deployed video coding standard. He and the JVT were recognized by both an ATAS Prime Time Emmy Engineering Award and an NATAS Technology & Engineering Emmy Award for the development of that standard.

As L3.1 Chair, Dr. Luthra availed his significant MPEG experience and expertise to the members of the L3.1 committee, but succeeded in creating an effectively organized committee and process by which L3.1 would accomplish its work. Under his leadership, L3.1 processed approximately 100 ballot items each year including SC level ballots, JTC1 level ballots, National Maintenance items, and ISO systematic review items. This volume of ballots required that he identify project leaders for each of the major work items in the committee, and help those leaders achieve their goals of driving the committee to consensus-based positions and recommendations.

Dr. Luthra also played the pivotal role of speaking on behalf of the L3.1 committee to its parent L3 Technical Committee, effectively communicating to the parent committee a summary of all L3.1 major activities, milestones, and technical concerns. In this concurrent role as a member of the L3 committee, Dr. Luthra was also indispensable in organizing the hosting of the international communities of MPEG and the ITU-T VCEG at working group meetings sponsored by the USNB on three separate occasions while he was Chair.

He remains an active and important contributor to both the L3.1 and L3 INCITS committees.

[Dr. Luthra is a past recipient of the INCITS Exceptional International Leadership Award.](#)

- **Mark Evans (posthumously)**

Mark Evans of Western Digital Corporation had been an active member of the T10 Technical Committee for over eighteen years. He has served as the T10 Vice Chair since November 2007 until his untimely passing in January. Over the last five years, Mark's committee management skills have grown considerably. He consistently demonstrated excellent comprehension of complex issues and steered authors to solutions that are good for the whole industry.

His most-remarkable recent achievement had been in the area of agenda time management. T10's Commands, Architecture, and Protocol ad hoc group (a.k.a., the CAP working group) often has too many proposals and not enough time to cover them effectively. Mark's significant innovation was to calculate time blocks for each of the proposal authors based on the size and complexity of their proposals. The authors could then prioritize how much time they allot to each of their proposals.

Besides Mark's role as T10 Vice Chair, he served as the Project Editor of the SCSI Block Commands - 3 (SBC-3) project. This is an especially important standard for T10 as it contains the command set for block storage devices (magnetic disk drives and solid state devices).

Mark had also submitted over 100 technical proposals and has authored over 90 reflector emails. His contributions qualify Mark for the INCITS Gene Milligan Award for Effective Committee Management.

Mr. Evans is a past recipient of the INCITS Technical Excellence Award.

INCITS Technical Excellence Award

This is an honorary award normally presented to no more than four participants to recognize their technical contributions and dedication to the technical program of work. This award is presented with the concurrence of the TC officers.

- Andi Snow-Weaver

Andi Snow-Weaver is the former (and recently retired) worldwide accessibility standards program manager for IBM. With more than 20 years of user interface and accessibility experience, Andi lead the company's involvement in international accessibility standards organizations such as the W3C, ISO and JTC-1

Andi has participated in INCITS for 7 years. Over that time, she has provided technical leadership in the INCITS Study Group on Accessibility as the Chair and in the JTC 1 SWG-A as HoD and technical leader. Andi was also a key US technical representative during the drafting of ISO/IEC TR 29138 parts 1/2/3.

Andi has been recognized for her work as a member of the Telecommunications and Electronic Information Technology Advisory Committee (TEITAC), which developed recommendations for updating the federal government's Section 508 and 255 accessibility standards.

She also served as co-chair of a TEITAC subcommittee that addressed Web, software and electronic content. She was IBM's representative to the W3C Web Content Accessibility Guidelines working group which published the WCAG 2.0 standard in December 2008.

- Richard Wilsher

The 27000-series of Information Security Management Systems (ISMS) standards is the bedrock upon which the standards of SC 27 have been created. Since the establishment of INCITS/CS1, Richard is the person who knows the 27000-series inside out. ISO/IEC 27001 and 27002 are used globally to define how enterprises should organize their information security activities and how they should assess these activities.

Richard has been the consistent go-to person providing over 90% of all approved US contributions against the following SC 27 27000-related standards: 27000, 27001, 27002, 27003, 27005, 27007, 27008, 27010, 27013, 270014, 27015 and 27017.

For the last few years, Richard has dedicated his time and resources to serving as a US delegate to JTC 1/SC27. He has worked tirelessly in many editing sessions on all of the standards mentioned above. He is always prepared and articulate and well respected among the ISMS experts within the SC27 membership and is therefore extremely credible to defend the US positions. Thus, most US comments are accepted.

Recently he was nominated and has since been approved to be co-editor for the revision of 27004 -- Information technology -- Security techniques -- Information security management -- Measurements.

investment of time into producing thorough comments and positions, as well as attending the CS1 and ISO meetings have means that he actively serves the global information security and standards community.

- **Thomas Stockhammer**

Mr. Stockhammer is the Qualcomm representative to the INCITS/L3.1 MPEG task group and JTC 1/SC 29/WG11. He has demonstrated great dedication and skill on a number of project, most notably being the primary project editor for IS 23009, Dynamic Adaptive Streaming over HTTP.. In this role, Thomas has edited an excellent specification, integrating and synthesizing text, clarifying, and making sure that details are appropriately addressed, been a significant contributor to the US positions and comments that helped refine that specification and helped drive the process of enquiry, both for use-cases and technical solutions.

This work started in 2010 and the main specification is already published. This is a major achievement since the suite of specifications is so large and though there were many contributors, the resulting specifications are in no small part thanks to Mr. Stockhammer.

- **Richard Johnson**

Dr. Richard Johnson is a major contributor to the INCITS/T11.2 technical efforts. Richard has served as editor and contributor for the MSQS and MSQS-2 documents. Richard also made major contributions to the FC-PI (Fibre Channel-Physical Interface) family of documents which define the physical requirements for Fibre Channel in optical and copper environments. Richard also made contributions describing the details of FC optics in energy efficient (Green) environments.

Richard's technical contributions are not solely that of an editor, but though his technical expertise he has frequently found ways to simplify the mathematics, explanations, and figures so that the concepts and details are much more easily understood. Richard makes his contributions in a professional, quietly efficient manner that is extremely effective in gathering support within a consensus based standards committee environment.

In addition to contributing to the T11 and T11.2 technical efforts, Richard has assumed several leadership roles. Richard has participated in T11 since 2001 and has served as T11.2 secretary since 2008. In addition, Richard has agreed to serve as the T11 secretary until a full time replacement has been found.

INCITS Team Award

*This is an honorary award presented to no more than **two** teams of participants who have provided outstanding service to the INCITS organization through committee work or duties.*

- **Nadya Bartol**
- **Don Davidson**

In 2009 Nadya Bartol and Don Davidson initiated efforts and gained US consensus that the current portfolio of SC27 standards did not adequately address ICT SCRM. INCITS/CS1 established an Ad Hoc working group original chaired by Don Davidson (now Co-Chaired by Don Davidson and Nadya Bartol) to explore existing best practices and create a community of practice that could contribute meaningful technical content to a new Standard. In November 2009 the US proposed to ISO/IEC JTC 1 SC 27 a new standard to address ICT SCRM. After an initial study period led by Nadya Bartol, 10 countries supported the creation of a new standard, ISO/IEC 27036: Information technology – Security techniques – Information Security for Supplier Relationships.

By 2010, Nadya Bartol was approved as the Project Editor for the multipart standard and editor for part 3. A number of national bodies and liaison organizations actively supported the effort and provided comments on each draft.

The consolidated contributions from the technical experts participating in the INCITS/CS1 ICT SCRM Ad Hoc provided a solid foundation for the US position. This ensured that as the standard progressed smoothly and the content was technically sound, complete, and articulated with clarity. In summary, ISO/IEC 27036 progressed from an poorly understood but agreed upon gap in the SC27 family of standards to a near final draft with US and international support in less than 4 ½ years.

Over the last year, technical contributions and harmonization with ICT SCRM related standards in the ICT SCRM Ad Hoc have included members of the US SC7 TAG (ISO/IEC 15026 Part 4), CS1 (ISO/IEC 27001, ISO/IEC 27002, and ISO/IEC 27034) and US SC27 TAG, SAE, (specifically related to AS 5553:2009, Counterfeit Electronic Parts; Avoidance, Detection, Mitigation, and Disposition), Common Criteria Supply Chain Technical Working Group work, and the Open Group's Trusted Technology Forum.

INCITS Exceptional International Leadership Award

This is an honorary award normally presented to no more than two participants for their exceptional leadership of an international committee.

- **Charles Biss**

Mr. Biss has served continuously since 2007 as the Chairman of the JTC 1/SC 31 (Automatic Identification and Data Capture Techniques) and for a decade prior to that as Convenor of SC 31/WG3 Conformance Test Methods. Prior to this he was extremely active in, and Chairman of the former X3A1 (old INCITS committee). His tenure has been marked by an even handed approach that produced ever improved international technical standards. His unbiased approach, in great measure, encouraged international cooperation within SC 31.

Under the leadership of Mr. Biss, SC 31 was able to bring 59 new standards and technical reports to publication. This particular achievement is even more impressive when one remembers that many felt AIDC was a stable industry where innovation and technological progress were things of the past.

The technical expertise of a Chairman is of significant value, but it is the leadership that they bring to the work that makes their term truly memorable. The hallmark of his work was his ability to give the WG Convenors the latitude to do what was necessary without unnecessary bureaucracy. The result was fully vetted and sound standards delivered when the users needed them. He is well known among his contemporary SC Chairs as a fair and reasonable negotiator who did not take advantage of situations.

Throughout his two terms as SC 31 Chair, his years as SC 31/WG3 Convenor and his work with the former X3A1 he has given freely and helped ensure that the standards process treats all comers fairly and delivers what is needed when it is needed.

- **Gary Robinson**

Gary Robinson has been involved with standards for more than 20 years.

In his capacity as the Convenor of JTC 1/SC 25/WG4 and participant of JTC 1/SC 25, Gary has made significant contributions to both groups. He has produced tangible results in the form of the following published standards for Flexible Disk Drive Interface, the Sparc Central Processing Unit, CSMA/CD-

Ethernet and RapidIO. He has worked tirelessly on the Rigid Disk Drive interface which spun off the standards for SCSI, SAS and SATA.

Gary also chaired the X3T9.3 task group (now INCITS/T11 and T11.3) and originated and Chaired the Registration Authority in JTC 1 and IEEE.

Mr. Robinson is a past recipient of the INCITS Merit Award and the INCITS Team Award.

INCITS Lifetime Achievement Award

This is an honorary award presented to no more than one INCITS participant annually who has demonstrated a career-long commitment to INCITS and its national and international standardization activities.

- The Good Doctor himself - Don Deutsch

Don has chaired INCITS DM32.2, its predecessor INCITS H2, its predecessor NCITS H2, and its predecessor X3H2 almost from its inception in 1978. In addition, Don has been an active participant in INCITS (notably its Executive Board) for well over 10 years.

Don is a fervent supporter of voluntary standards in the IT arena. He has shepherded the US National Standard for Database Language SQL through six editions and has helped ensure adoption of the corresponding ISO/IEC standard with identical text for all editions.

Don has belonged to the US Delegation to JTC 1 for many years and has played a fundamental role in the Delegation's representation of US interests in that forum.

Furthermore, Don has actively participated in and helped progress the development of the international standard for SQL for over 20 years. Among other activities, he organized and developed procedures for, and co-chaired a number of co-located meetings of both DM32.2 and the corresponding ISO group (first JTC1/SC21/WG3/DBL Rapporteur Group, currently JTC1/SC32/WG3).

More recently, Don accepted the role as Chair of JTC 1/SC 38.

In summary, it is clear to everybody involved with data management standardization that Don has accomplished far more than most to support the concept of standardization, to progress standards in the data management arena truly accommodate USA interests, and to ensure that all stakeholders are given equal opportunity for meaningful participation. Don most certainly deserves to receive the Lifetime Achievement Award in honor of his long, dedicated, and effective career in domestic and internationalization.

Dr. Deutsch is a past recipient of the INCITS Chairman's Award, the INCITS Merit Award, and the Committee Management Award.
