

Below is the list of the 2009 INCITS Award Recipients with a brief summary of their contributions.

INCITS Merit Award

- P.J. Plauger

Dr. Plauger has been very active in the C and C++ programming language committees with the following highlights:

1. C Language Standardization:

X3J11 (now PL22.11): founding member, over 20 years of participation, 7 years as secretary, major contributor, meeting host, chair of the Library subcommittee and SC 22/WG14: 15 years of participation, 8 years as convener.

2. C++ Language Standardization:

X3J16 (now PL22.16): founding member, 17 years of participation, major contributor, meeting host, SC 22/WG21: 17 years of participation, recently appointed as convener, and funded the position of ISO/IEC Project Editor.

He has written articles, columns and books on programming, portability, standardization, and the C and C++ languages and libraries have been read widely by both users and implementers.

He was a pioneer in the development of commercial C compilers and C and C++ libraries, internationalization and locale support, and he brought a wealth of experience with hardware, operating systems, and embedded systems development to the standard's process.

He participated in the early formation of what became the POSIX standard.

As an implementer, author, teacher, and standards participant, P.J. Plauger has been, and continues to be, one of the biggest contributors to the C and C++ language and library industries, and to the standardization thereof. As such, we are pleased to endorse him for this award.

- Felix Shvartsman

Felix has been instrumental in the B10 (Identification Cards and Related Devices) work on Card Durability and Card Service Life and working in this area of standards development for 15+ years.

He started this work as a very active contributor and participant in the development of the first working drafts and then into the Subgroup that lead the effort. He led the US Working Group on Cards Service Life and when the work was picked up at the international level. As such,

Mr. Shvartsman served as the Convener for the Card Service Life Task Force (TF2) under ISO-SC17/WG1.

He has been a strong advocate at both the international and national level in order to get the US position recognized in the international arena that was not always supporting US position. This not only took strong technical contributions, but a lot of dedication and willingness to attend meetings and lead the international community.

This effort has finally reached the home stretch as ISO/IEC 24789 Parts 1/2 on "Card Service Life" has passed the international ballot at the CD level, and is going now to FCD balloting. This important ISO/IEC Standard is should be ready for publication in 2009.

- **Brian Beech**

Brian Beech, as Chair of the INCITS/B10 (Identification Cards and Related Devices) technical committee has provided an outstanding level of leadership to this TC and its Task Groups. The level of personal leadership and commitment has been shown by Brian for several years. He is always diligent about getting the work done in a timely fashion. Like many of us working on INCITS and ISO Standards Committees, such standards work is not a full time position.

Mr. Beech has outstanding knowledge of the various technical and organizational issues in the sub-groups and has successfully demonstrated the ability to achieve consensus in the B10 Standards Committee with his easy going style of leadership and decision making capabilities. Meetings are always run efficiently, and Brian is prepared for anything that may arise. He uses very efficiently, wisely and fairly, the power of the Chairman position. Brian always has the success of B10 and the US position in his sights.

- **Gerry Smith**

Gerry Smith has been active in INCITS since 1999 when he was Director of Standards and Intellectual Property for the American Express Smart Card Technology Group. Mr. Smith contributed to the ISO/IEC JTC1 SC17 efforts supported under B10 both as a principal voting member for American Express, as a contributing member via the role of US Technical Advisory Group (TAG) to ISO and as a liaison member to SC17 from 1999 until 2003 when he transitioned to SHARP Microelectronics of the Americas. Mr. Smith was one of several active members working the re-organization of ISO/IEC 7816 (all Parts) and contributed to the first ISO/IEC 7816 application Standard (Part 15).

From 2003 until 2007 Mr. Smith remained a principal voting member to B10 and continued to support the ISO/IEC 7816 efforts as well as activities related to ISO/IEC 14443. Mr. Smith also served as a contributing member to B10.9 dealing with efforts to move Government Smart Card specifications into the International Standards arena.

Mr. Smith accepted the role of Project Editor in 2004 for the realization of a new Smart Card interoperability Standard numbered ISO/IEC 24727, Part 1 "Architecture" and his efforts helped to achieve an International Standard for this Part in less than 3 years.

INCITS Service Award

- Robert Kuffel

The work of the INCITS L1 (Geographic Information Systems) depends upon the work of its members, but the members depend on quality guidance and leadership. Mr. Robert (Bob) Kuffel has provided and continues to provide guidance and leadership to the INCITS L1. His work as the Vice-Chair and Secretary of INCITS L1, his work on key geographic data standards only begin to express the technical and administrative skills of Mr. Kuffel and his value to the United State's geographic standards activities.

His work on the international level has been no less outstanding and beneficial to the United States standards efforts. As a member of the U.S. TAG to ISO TC 211, he has brought his administrative and technical skills to bear on the development of several key ISO 19000 series standards, most notably in the area of the Reference Model for Imagery. Because of the importance of these standards to the United States, he has strongly and successfully represented the U.S. interest during the standards development and review process.

Seldom is a person found with a high level of both technical and leadership skills, but Mr. Kuffel has them. He has demonstrated a personal commitment to L1 through his willing and successful application of his skills to the work of the INCITS L1. Through his efforts, INCITS L1 and federal geographic standards making bodies are now working as a team to produce truly national geographic information standards.

- Robert Elliott

Robert Elliott is very well known in the industry as a technical expert and as a main contributor to the development of the SCSI SAS standards having authored many technical proposals furthering the timely development of the Serial Attached SCSI technology, "SAS" specification.

He is the editor of the following INCITS documents SAS-2, SAS-1.1, SBC-2, SES-2. Rob has authored approximately 20 proposals (excluding revisions of same) in 2008 and assisted numerous other committee participants in the authorship of their proposals to the relevant committees. A kind nature accompanies his teamwork approach to any task. This makes all participants feel free to openly share ideas and participate as part of that team. Of course this has not been driven by Rob alone, but as the long standing editor he has had to interpret and document the standards into a usable and acceptable form.

INCITS Gene Milligan Award for Effective Committee Management

- Ed Stull

Ed Stull's INCITS participation dates back to at least 1980 when he became involved in X3. He is currently in his 6th term as the Chair of T3 (Open Distributed Processing). The chair of T3 is faced with many challenges when a small committee must deal with one of the largest and most diverse technical areas within JTC 1. During this time he has demonstrated continuous support of the INCITS program of work. Given the challenges of T3 he has demonstrated considerable skill in achieving consensus within the areas of work and adopted a working model that enables efficient operations in meeting international deadlines.

It should also be noted that Mr. Stull observed a need for security practices in the financial industry and proposed to INCITS the creation of an INCITS Study Group on Security Best Practices to study and make recommendations on raising the visibility of INCITS in this industry and bringing new work to INCITS.

- **Fred Herr**

Fred Herr has been the INCITS M1.2 Chair since its first meeting held in June 2003. Since his appointment in this position, he has maintained an excellent level of performance and dedication to fulfill INCITS M1's goals and responsibilities in the development of national and international biometric standards.

Fred has demonstrated to the INCITS M1 community his utmost commitment to his role as an INCITS officer and as a technical expert in biometric technical interfaces. His personality, friendly manner, exemplary leadership and exceptional skills in achieving consensus at meetings has allowed Fred to demonstrate not only his team management skills but also has shown that he is a technically savvy editor which has allowed him to play a key role in the development of technical interface standards.

The successful contributions of INCITS M1.2 towards the development of biometric technical interface standards and their adoption by other standards bodies (e.g., SC 27) and outside organizations (e.g., ILO) have been in part due to Mr. Herr's strong leadership.

During the last year, he has demonstrated exemplary leadership within his area of responsibility working to address the national projects under development in INCITS M1.2 as well as the multiple projects under development in SC 37/WG2. In addition, INCITS M1.2 supports INCITS M1.3's work by developing required standard metadata to specify biometric sample quality.

- **Dan Benigni**

(Note: The entire CS1 TC agreed to nominate Dan for this award)

Dan Benigni has been the Chairman of CS1 (Cyber Security) since September 2005 and is currently serving his second term. He has demonstrated proficiency in achieving consensus at both the national and international standards arenas. Dan has mastered and assiduously followed the approved INCITS rules and procedures. A very large volume of documents flows through CS1, from both national and international sources. Dan's efforts have kept

CS1 rolling smoothly despite this volume of business, with very few problems arising in the management of the Committee. In the Committee's regular face-to-face meetings Dan exerts a positive authority over the group, ensuring all interests enjoy representation, driving the meeting against a frequently very intensive agenda, during which he manages with great flexibility to accommodate all parties' availabilities and other demands. In applying his authority positively and, on the rare occasions when required, assertively, he is at all times considerate and diplomatic, graceful in dealing with those of us who don't always deliver on time whilst always recognising and apologising for his own (rare) goofs with great humility. This has ensured openness and due process while empowering the CS1 members to reach consensus.

Dan's leadership at the bi-annual ISO / JTC 1 / SC 27 meetings is very effective, from its planning to its execution, during plenary and editing sessions, and behind the scenes. The US' viewpoint is being positively and effectively applied to the activities at these meetings. He has introduced the practice of scheduling CS1 meetings during the SC 27 bi-annual meetings so as to give the whole membership an opportunity to gain feedback on important issues arising at these meetings and to help direct the US' final position during these sessions. Dan has championed the findings of specific study groups so as to position them for acceptance by SC 27. His leadership continues to provide US companies and Federal agencies with a very effective forum from which to develop critically important cyber-security standards. In addition, Dan often acts as a mentor for our newer members, deftly and patiently helping them to rapidly become effective contributors.

CS1 was one of the first TCs to adopt the INCITS Committee Management System: rather than resisting change, Dan embraced it and as an early adopter, CS1 was able get its specific requirements addressed and the Kavi system thereby enhanced.

INCITS Technical Excellence Award

- Jan-Eike Michels

Jan-Eike Michels has served as a member of the INCITS H2 (Database) for the last nine years with utmost dedication.

Jan-Eike has contributed tremendously to the technical content of the SQL 2003 and SQL 2008 standards. His contributions include a number of successful proposals for SQL/Foundation, SQL/PSM, SQL/MED, and SQL/XML. It is fair to say that the SQL standard would have been less feature-rich and far less technically sound if not for Jan-Eike's contributions. Jan-Eike has also contributed to the SQL/MM families of standards by reviewing and submitting technical comments.

Jan-Eike has written well in excess of 100 technical proposals over these 9 years; his proposals are technically sound and the discussion and concepts sections of his papers help other participants to understand the highly technical and detailed proposal themselves. Jan-Eike was one of the architects of many of SQL's advanced capabilities, including the

"management of external data" facilities (SQL/MED) and SQL/XML, as well as many more features that benefit both the users as well as the implementers of the ANSI/ISO SQL standard.

- Paul Schler

Paul Suhler has participated on the T10 (SCSI) Technical Committee for over 10 years.

Paul has been an active participant on the SCSI Stream Commands (SSC-2, SSC-3, and SSC-4) projects and on the Automation Device Interface (ADT, ADT-2, ADC, ADC-2, and ADC-3) projects. He has led ADI working group since November 2001. Paul has posted over 130 T10 proposals and nearly 200 e-mail messages to the T10 Reflector.

- Gottfried Zimmerman

Gottfried Zimmermann has been deeply involved in the INCITS/V2 (Information Technology Access Interfaces) development of the Universal Remote Console family of standards since inception of the Technical Committee in 2000. He served as co-editor of the five-part suite of standards during their initial development and approval as American National Standards. As convener of the V2A ad-hoc group editing the drafts he coordinated an active work program of frequent telephone conversations, email and Wiki exchanges.

During the development and standardization phase he led an effort developing proof-of-concept implementations of the standards. He also served as the International Representative of INCITS/V2. He subsequently served as editor of the international version of the standards, which have been approved as ISO/IEC International Standard and this version has been adopted by INCITS.

Throughout this engagement with INCITS/V2 and the URC Standards project, the work that Dr. Zimmerman has contributed has been of the highest quality. He brought deep understanding of Computer Science, Software Engineering, and Human-Computer Interaction to bear on the projects. One of Dr. Zimmerman's main contributions to the project was the application of his considerable analytical skills to make sure that the standards of the project formed an integrated, logical, and well posed solution to the problem addressed.

- Gregory Zektser

Gregory Zektser has provided sustained technical contributions to INCITS/M1 Biometric standards, especially in the field of conformance testing, and has been an outstanding advocate for standardization needs. He is the INCITS/M1 chief expert for a large set of conformance testing standards covering the biometric data interchange formats. He has provided the core set of standards material for conformance testing frameworks, and has helped drive the development of the standards for fingerprint images, minutia, face images and iris images for their conformance testing. He has led the development of these conformance testing standards not only for the US, but is also a leading expert

internationally as well, and has helped drive amazing progress of the conformance testing standards by successfully building on the experiences of the US conformance testing standards.

INCITS Exceptional International Leadership Award

- **Andrew Tescher**

Andy Tescher has had a remarkable professional career covering broad areas of signal, imagery and multimedia technologies. For the last ten years, he has been an invaluable resource in representing US interests for INCITS/L3 (Coding of Audio, Video, Multimedia and Hypermedia Information) at the international level.

As the International Representative of L3, Andy has provided exceptional service in formulating and processing the annual hundreds of ballots and National Body positions impacting key US technologies covering video, audio and system technologies.

As the US Head of Delegation to ISO/IEC JTC 1/SC 29 for the last 10 years, he has effectively represented US industry interests both in the progression of many critical standards and as well as in the formulating of policy at the SC 29 level. As a founding member of SC 29's Advisory Group on Management (AGM), he has been actively involved in operational details of SC 29 activities.

His JTC 1 assignments include a three year appointment as its liaison representative to IEC TC 100. Andy's most recent activity is his SC 29 appointment to the newly established JTC 1 Study Group on Digital Content Management and Protection.

Andy is also a past recipient of the Gene Milligan Award for Effective Committee Management.

INCITS Lifetime Achievement Award –

- **John Neumann**

John Neumann epitomizes the commitment and long-term contributions associated with this award. He has been involved in national and international IT standardization for over 30 years. His many positions during that time period are too numerous to list, but a few highlights are:

- Almost twenty years on the INCITS Executive Board (and its predecessor organizations, NCITS and X3)
- Served on many different INCITS Technical Committees (e.g., OSI, Magnetic Tape, Optical Disks, Biometrics)
- President of ECMA International and Chairman of ECMA TC31 (DVD standardization)
- Chair of INCITS M1.5 (Biometric Performance Testing and Reporting)

- Rapporteur for the ISO/IEC/JTC 1/SC 21 (OSI) Rapporteur Group that developed services and protocols for Transaction Processing within OSI Layer 7
- Served as IR and HOD for numerous US TAGS to ISO/IEC SCs/WGs
- Served as project editor on many different standards, both national and international
- Served as an expert in the standardization of a range of technologies to include Network Architecture, Distributed Transaction Processing, Magnetic Tape, Optical Storage, and Biometrics.

Besides demonstrating the broad knowledge and outright stamina to have accomplished the above, Mr. Neumann has received the following previous awards, attesting to his achievements:

- 2002 INCITS Chairman's Award
- 2005 INCITS Team Award
- 2006 INCITS Gene Milligan Award for Effective Committee Management
- 2007 ANSI Meritorious Service Award

John has served as a national/international technical editor and international rapporteur on many INCITS projects, most recently both the domestic and international versions of biometric profile and testing standards to include:

- INCITS 383-2008, “Biometric Profile – Interoperability and Data Interchange – Biometrics-Based Verification and Identification of Transportation Workers” and its sister standard, ISO/IEC 24713-2
- INCITS 409.5 Information technology - Biometric Performance Testing and Reporting - Part 5: Interoperability and Data Interchange - Framework for Biometric Device Performance Evaluation for Access Control and its sister standard, ISO/IEC 19795-5.

John is a pleasure to work with, witty, eminently knowledgeable about INCITS/TC/ISO directives, and always willing to contribute and help out, including mentoring of newbies to the standards world. He is a strong standards advocate and recognized leader.

- **Robert Snively**

(Note: The entire T11 TC agreed to nominate Bob for this award)

Bob's contributions to the content of American National Standards on Storage Technology began in 1985 with work on SCSI Error Recovery issues. He edited the Fibre Channel Protocol (FCP) standard throughout its first two versions (FCP and FCP-2) from 1992 until 2003.

Bob also chaired T11 from January 2002 until his untimely passing in January 2009. During his tenure in this post, Bob received two INCITS awards:

- o 2003 - Gene Milligan Award for Effective Committee Management

- o 2007 - Team Award (shared jointly with all the T11 officers)

Bob has led many of the standards that have been adopted in both INCITS-T11 and INCITS-T10, including key contributions to: the Fibre Channel FCP standard, Fibre Channel and SCSI use of IEEE registered company identifiers, Fibre Channel Backbone (FC-BB), Fibre Channel Framing and Signaling, as well as many other Fibre Channel and SCSI standards. In addition to his technical contributions Bob served as the Chair of INCITS/T11 from February 2002 to January 2009, leading the TC very effectively. He routinely completed the immense tasks necessary to keep the committee running smoothly. In addition to his leadership of the INCITS/T11 TC, Bob has served as the Head of Delegation to the ISO/IEC meetings.

Bob's ceaseless commitment to the quality of INCITS standards, the fairness of the procedures under which INCITS standards are developed, and the maintenance of a people-oriented atmosphere in committee affairs recommend our departed friend to INCITS as a most appropriate recipient of the 2008 INCITS Lifetime Achievement award.