

NIST ITL Participation in Voluntary Standards Developing Organizations

(Key: Highlighted activities represent areas, which are international in scope.

US TAG = US Technical Advisory Group)

March 15, 2011

| Technical Groups | | Participants & Division Number | |
|--|--|--|-------------------|
| ASC Z1 | Accredited Standards Committee Z1, Quality, Environment, Dependability, and Statistics, Subcommittee on Statistics | N. F. Zhang | 776 |
| ASME PTC 19.1 | American Society Of Mechanical Engineers PTC 19.1, Measurement Uncertainty | H.K. Iyer | 776 |
| ASTM E-11 | ASTM International Committee E11, Quality and Statistics | C.M. Wang | 776 |
| BioAPI Consortium | Biometric Application Programming Interface (API) Consortium | F. Podio | 773 |
| Bluetooth Special Interest Group (SIG) | Bluetooth Security Expert Group (BT-SEG) | L. Chen | 773 |
| ETSI QKD ISG | European Telecommunication Standards Institute Quantum Key Distribution Industry Specification Group | A. Mink | 771 |
| HIMSS/IHE | Healthcare Information and Management System Society, Integrating the Healthcare Environment | W. Majurski J. Garguilo | 775 775 |
| HL7 | Healthcare Devices WG | J. Garguilo | 775 |
| HL7 EHR | Health Level 7 Electronic Health Records | W. Chang L. Carnahan | 774 775 |
| HL7 Implementation & Conformance TC | Health Level 7 Conformance SIG | R. Snelick – Co-Chair J. Garguilo S. Martinez | 775 775 775 |
| HL7 Modeling & Methodology TC | Health Level 7 Modeling & Methodology TC | L. Carnahan L. Gallagher | 775 775 |
| IEC SAE | International Electrotechnical Commission Society of Automotive Engineers Hybrid Technical Standards Committee | E. Simmon | 775 |
| IEC SC3D | International Electrotechnical Commission Subcommittee 3D, Product properties and classes and their identification | E. Simmon | 775 |

| | | | |
|---------------------------|---|---|---------------------------------|
| IEC TC 111 | International Electrotechnical Commission Technical Committee 111, Environmental standardization for electrical and electronic products and systems, Working Group 1, Material declaration for electrical and electronic equipment | E. Simmon | 775 |
| IEC TC 69 WG 4 | International Electrotechnical Commission Technical Committee 69, Electric road vehicles and electric industrial trucks Working Group 4, Power supplies and chargers | E. Simmon | 775 |
| IEC TC 93 | International Electrotechnical Commission Technical Committee 93, Design Automation | J. Messina, US Technical Advisor | 775 |
| IEC TC 93 WG 5 | International Electrotechnical Commission Technical Committee 93, Design Automation, Working Group 5, Test, validation, conformance and qualification technologies | J. Messina, Co- Convener | 775 |
| IEC TC 93 WG 6 | International Electrotechnical Commission Technical Committee 93, Design Automation, Working Group 6, Library of Reusable Parts for Electrotechnical Products | J. Messina, Co- Convener | 775 |
| IEEE - US TAG for SC 7 | The Institute of Electrical and Electronics Engineers US Technical Advisory Group (TAG) to ISO/IEC JTC 1/SC 7 - Software and Systems Engineering | M. Theofanos B. Stanton | 774 774 |
| IEEE 1073 | The Institute of Electrical and Electronics Engineers 1073, Medical Device Communications | J. Garguilo S. Martinez | 775 775 |
| IEEE 802. 11 | The Institute of Electrical and Electronics Engineers, 802.11, Wireless Local Area Network (WLAN), Task Group S (Mesh Networking) | L. Chen | 773 |
| IEEE 802.15 | The Institute of Electrical and Electronics Engineers 802.15, Working Group for Wireless Personal Area Networks (WPANs) | D. Cypher K. Sayrafian W. Yang J. Hagedorn J. Terrill | 772 772 772 771 771 |
| IEEE 802.19 | The Institute of Electrical and Electronics Engineers 802.19, Wireless Coexistence Technical | D. Cypher N. Golmie | 772 772 |

| | | | |
|------------------|---|---|--------------------------|
| | Advisory Group (TAG) | | |
| IEEE 802.21 | The Institute of Electrical and Electronics Engineers 802.21, Working Group on Media Independent Handovers | N. Golmie L. Chen D. Cypher | 772 773 772 |
| IEEE P1363.3 | The Institute of Electrical and Electronics Engineers P1363.3, Identity-Based Public Key Cryptography using Pairings | D. Moody | 773 |
| IEEE P1901.2 | The Institute of Electrical and Electronics Engineers P1901.2, Standard for Low Frequency (less than 500 kHz) Narrow Band Power Line Communications for Smart Grid Applications | D. Su | 772 |
| IEEE P2030 | The Institute of Electrical and Electronics Engineers P2030, IEEE Draft Guide for Smart Grid Interoperability of Energy Technology and Information Technology Operation with the Electric Power System (EPS), and End-Use Applications and Loads | D. Su | 772 |
| IETF-DNSEXT | Internet Engineering Task Force (IETF) Domain Name System (DNS) Extensions | S. Rose | 772 |
| IETF-IESG | Internet Engineering Task Force (IETF) Internet Engineering Steering Group: Area director for security | T. Polk | 773 |
| IETF-INTNET, O&M | Internet Engineering Task Force (IETF) Internet Area (DNS Extensions, DNS Operations, IPv6, Configuration, Mobility, signaling, and handoff) | D. Montgomery S. Rose N. Golmie S. Frankel | 772 772 772 773 |
| IETF-KARP | Internet Engineering Task Force (IETF) Keying and Authentication for Routing Protocols | T. Polk | 773 |
| IETF-KARP | Internet Engineering Task Force (IETF) Keying and Authentication for Routing Protocols | T. Polk | 773 |
| IETF-MIPSHOP | Internet Engineering Task Force (IETF) Mobility signaling and Management | N. Golmie | 772 |
| IETF-RPG | Internet Engineering Task Force (IETF) Routing Research Group | K. Sriram | 772 |
| IETF-RTG | Internet Engineering Task Force (IETF) | M. Carson | 772 |

| | | | |
|---------------|---|--|--|
| | Routing Area (MPLS, Intra/Inter Domain Routing, MANETS) | D. Montgomery T. Polk | 772 773 |
| IETF-SEC | Internet Engineering Task Force (IETF) Security Area (IP Security Protocol, S/MIME, PKI Using X.509, Transport Layer Security (TLS)), EMU, HOKEY) | O. Kim D. Montgomery K. Sriram S. Frankel Q. Dang T. Polk D. Cooper R. Perlner | 772 772 772 773 773 773 773 773 |
| IETF-SIDR | Internet Engineering Task Force (IETF) SecureInter-Domain Routing | K. Sriram T. Polk D. Cooper | 772 773 773 |
| IETF-TP | Internet Engineering Task Force (IETF) Transport Area (Differentiated Services, Performance Metrics, IP Telephony, Session Initiation Protocol) | D. Montgomery | 772 |
| IHE – PCD TC | Integrating the Healthcare Enterprise (IHE) Patient Care Devices Technical Committee | J. Garguilo Co-Chair | 775 |
| IHE – PDC PC | Integrating the Healthcare Enterprise (IHE) Patient Care Devices Planning Committee | J. Garguilo S. Martinez | 775 775 |
| IHE-ITI PC | Integrating the Healthcare Enterprise (IHE) IT Infrastructure Planning Committee | W. Majurski | 775 |
| IHE-ITI TC | Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Committee | W. Majurski | 775 |
| IHE-TTC | Integrating the Healthcare Enterprise (IHE) Testing and Tools Committee | W. Majurski R. Snelick | 775 775 |
| INCITS B10 | InterNational Committee for Information Technology Standards (INCITS) Technical Committee B10, Identification Cards and Related Devices (US TAG to JTC 1/SC 17) | S. Francomacaro T. Schwarzhoff E. McCallister W. MacGregor H. Ferraiolo | 773 773 773 773 773 |
| INCITS B10.12 | InterNational Committee for Information Technology Standards (INCITS) Task Group B10.12, Smart Card Interoperability (US TAG to JTC 1/SC 17 WG 4) (US TAG to JTC 1/SC 17 WG 11) | S. Francomacaro - Chair T. Schwarzhoff A. Sokol W. MacGregor H. Ferraiolo K. Mehta – Vice Chair, B10.12 M. Hogan | 773 773 773 773 773 773 773 770 |
| INCITS B10.5 | InterNational Committee for Information | W. MacGregor | 773 |

| | | | |
|------------------|--|--|---|
| | Technology Standards (INCITS) Task Group B10.5, Contactless Integrated Circuit Cards (US TAG to JTC 1/SC 17 WG 8) | T. Schwarzhoff | 773 |
| INCITS CGIT1 | InterNational Committee for Information Technology Standards (INCITS) Technical Committee CG"IT1, Corporate Governance of Information Technology (US TAG to JTC 1/WG 6) | R. Kissel M. Hogan | 773 770 |
| INCITS CS1 | InterNational Committee for Information Technology Standards (INCITS) Technical Committee CS1, Cyber Security (US TAG to JTC 1/SC 27 and WG1, 2, 3, 4 and 5) | D. Benigni - Chair, CS1 R. Easter D. Ferraiolo M. Hogan R. Kissel E. McCallister E. Newton A. Roginsky R. Ross P. Toth | 773 773 773 770 773 773 773 773 773 773 773 |
| INCITS CS1.1 | InterNational Committee for Information Technology Standards (INCITS) Task Group CS1.1, Role-Based Access Control (RBAC) | R. Kissel R. Kuhn D. Benigni | 773 773 773 |
| INCITS CS1-SCAHG | InterNational Committee for Information Technology Standards (INCITS) Supply Chain Ad Hoc Group (US TAG to JTC 1/SC 27 WG 4) | J. Boyens | 773 |
| INCITS DAP38 | InterNational Committee for Information Technology Standards (INCITS) Technical Committee DAPS38, Distributed Application Platforms and Services (US TAG to JTC 1/SC 38) | R. Chandramouli T. Schwarzhoff M. Hogan T. Grance M. Badger P. Mell | 773 773 770 773 773 773 |
| INCITS L3.1 | InterNational Committee for Information Technology Standards (INCITS) Task Group L3.1, Coding of audio, picture, multimedia and hypermedia information (US TAG to JTC 1/SC 29 WG 11) | W. Chang | 774 |
| INCITS M1 | InterNational Committee for Information Technology Standards (INCITS) Technical Committee M1, Biometrics (US TAG to JTC 1/SC 37) | F. Podio - Chair, M1 (Chair, SC 37) P. Grother M. Hogan | 773 774 770 |

| | | | |
|------------------------------|--|--|--|
| | | B. Wing E. Newton | 774 773 |
| INCITS M1.2 | InterNational Committee for Information Technology Standards (INCITS) Task Group M1.2, Biometric Technical Interfaces (US TAG to JTC 1/SC 37 WG 2) (US TAG to JTC 1/SC 37 WG 4) | F. Podio K. Mangold M. Hogan (Convener, SC 37/WG 4) | 773 774 770 |
| INCITS M1.3 | InterNational Committee for Information Technology Standards (INCITS) Task Group M1.3, Biometric Data Interchange Formats (US TAG to JTC 1/SC 37 WG 3) | E. Tabassi P. Grother M. Hogan F. Podio B. Wing E. Newton | 774 774 770 773 774 773 |
| INCITS M1.5 | InterNational Committee for Information Technology Standards (INCITS) Task Group M1.5, Biometric Performance Testing and Reporting (US TAG to JTC 1/SC 37 WG 5) | P. Grother B. Wing M. Hogan F. Podio E. Newton | 774 774 770 773 773 |
| INCITS M1.6 | InterNational Committee for Information Technology Standards (INCITS) Task Group M1.6, Cross Jurisdictional and Societal Issues (US TAG to JTC 1/SC 37 WG 6) | Y. Choong F. Podio M. Hogan | 774 773 770 |
| INCITS SN1 | InterNational Committee for Information Technology Standards (INCITS) Technical Committee SN1, Sensor Networks (US TAG to JTC 1/ WG 7) | N. Moayeri M. Hogan | 772 770 |
| ISO REMCO | International Organization for Standardization, Committee on Reference Materials WG1 for ISO Guide 35 | N.F. Zhang | 776 |
| ISO TC 159/SC 4 & JTC 1/SC 7 | International Organization for Standardization, Technical Committee 159, Ergonomics/Subcommittee 4, Ergonomics of human-system interaction Joint Working Group 1, Common Industry Formats for Usability Reports | M. Theofanos – Convener B. Stanton | 774 774 |
| ITU-T FG on Smart Grid | International Telecommunication Union Telecommunication Standardization Sector (ITU-T) Focus Group on Smart Grid | D. Su Vice-Chairman | 772 |
| ITU-T JCA-IdM | International Telecommunication Union Telecommunication Standardization Sector (ITU-T) Joint Coordination Activity for | E. McCallister E. Newton | 773 773 |

| | | | |
|--------------------------------------|---|---|-------------------|
| | Identity Management (JCA-IdM) | | |
| ITU-T SG 15 | International Telecommunication Union Telecommunication Standardization Sector Optical transport networks and access network infrastructures (SG15) – home energy management for smart grid and narrowband Power Line Communication (PLC) | D. Su | 772 |
| ITU-T SG17/Q10 | International Telecommunication Union Telecommunication Standardization Sector (ITU-T) Identity management architecture and mechanisms (SG17/Q10) | E. McCallister | 773 |
| JCGM (BIPM) | Working Group 1 (GUM) | A. Possolo | 776 |
| MISB | Motion Imagery Standards Board | W. Chang C. Fenimore | 774 774 |
| MPEG-IF | MPEG Industry Forum | W. Chang | 774 |
| NASPO IDPV | North American Security Products Organization (NASPO) National Identity Proofing and Verification Committee | E. Newton T. Schwarzhoff | 773 773 |
| NASPO US TAG to ISO TC 247/TC 246 | North American Security Products Organization (NASPO), US Technical Advisory Group (TAG) to ISO Technical Committee 247, Fraud Countermeasures and Controls, and ISO Technical Committee TC 246, Anti- counterfeiting tools | Y. Obeng Y. Li-Baboud E. Newton | 775 775 773 |
| NCI LIDC | National Cancer Institute Lung Imaging Database Consortium | C. Fenimore | 774 |
| NIST | Industry Usability Reporting Project (I-USR) | M. Theofanos B. Stanton | 774 774 |
| NIST ITL | Data Format for the Interchange of Fingerprint, Facial and Other Biometric Information | B. Wing - Convener | 774 |
| NIST-ITL Voice Biometrics | NIST-ITL Voice Biometrics | A. Martin – Chair M. Przybocki C. Greenberg | 774 774 774 |
| OASIS BIAS TC | Organization for the Advancement of Structured Information Systems (OASIS) Biometric Identity Assurance Services (BIAS) Integration TC | B. Wing K. Mangold R. Micheals | 774 774 774 |
| OASIS PMRM TC | Organization for the Advancement of Structured Information Systems (OASIS) | E. McCallister | 773 |

| | | | |
|------------|---|--|--------------------------|
| | OASIS Privacy Management Reference Model (PMRM) TC | | |
| OMS | Open Math Society | B. Miller | 771 |
| OSTA | Optical Storage Technology Association | F. Byers | 774 |
| RSNA | Radiological Society of North America | C. Fenimore | 774 |
| SEMI | Semiconductor Equipment and Materials International (SEMI) Information & Control Committee (I&CC) – Data Quality Task Force | Y. Li-Baboud | 775 |
| SEMI | Semiconductor Equipment and Materials International (SEMI) Traceability Committee – Anti- counterfeiting Task Force | Y. Li-Baboud | 775 |
| SMPTE-W25 | Society of Motion Picture and Television Engineers Metadata Description | W. Chang | 774 |
| W3C-AT | World Wide Web Consortium (W3C) Authoring Tools | F. Boland | 775 |
| W3C-ATA WG | World Wide Web Consortium (W3C) Authoring Tool Accessibility WG | F. Boland | 775 |
| W3C-CSS | World Wide Web Consortium (W3C) Cascading Stylesheets (CSS) WG | F. Boland | 775 |
| W3C-MathML | World Wide Web Consortium (W3C) Math Interest Group - MathML | B. Miller | 771 |
| W3C-SYMM | World Wide Consortium (W3C) SYMM WG | W. Chang | 774 |
| W3C-WebAPI | World Wide Web Consortium (W3C) Query WG | C. Montanez-Rivera | 775 |
| X9F | X9F, Inc., Financial Industry Standards X9F, Data and Financial Information Security (ISO TC 68/SC 2) | L. Chen | 773 |
| X9F.1 | Cryptographic Tool Standards and Guidelines | M. Dworkin E. Barker - editor J. Kelsey L. Chen | 773 773 773 773 |

| Management Groups | | Participants & Division Number | |
|--------------------------|---|---|--|
| ANSI HSSP | American National Standards Institute Homeland Security Standards Panel (HSSP) | F. Podio | 773 |
| BioAPI Consortium | Steering Committee | F. Podio | 773 |
| INCITS EB | InterNational Committee for Information Technology Standards Executive Board (INCITS EB) (US TAG for ISO/IEC JTC 1) | M. Hogan D. Benigni W. Chang T. Schwarzhoff F. Podio S. Francomacaro | 770 773 774 773 773 773 |
| ISO | International Organization for Standardization ISO Privacy Steering Committee | E. McCallister, ANSI representative | 773 |
| ISO TC 69 | International Organization for Standardization Technical Committee 69, Statistical Methods | N. F. Zhang | 776 |
| ISO/IEC JTC 1 | International Organization for Standardization/ International Electrotechnical Commission Joint Technical Committee 1, Information Technology (ISO/IEC JTC 1), JTC 1 SWG on Planning | F. Podio | 773 |
| ITU | International Telecommunication Union | E. Newton, NIST Liaison to State Department | 773 |
| OASIS | Organization for the Advancement of Structured Information Systems | D. Flater | 775 |
| W3C | World Wide Web Consortium Advisory Committee | M. Brady | 775 |