

Biometric Consortium 2005 Conference



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Abstracts

National Institute of Standards and Technology Session - "NIST's Biometrics Standards Program"
Post 9/11, NIST ITL championed the establishment of formal national and international biometric standards development bodies as the best environments to support deployment of standards-based solutions and to accelerate the development of the required voluntary consensus standards. This talk will summarize the objectives and status of this program and will provide information on technical developments underway in support of biometric standards such as the implementation of conformance testing suites for the BioAPI standard.

Biometric Standards Session - "National and International Biometric Standards – Status and Adoption"
ISO/IEC Joint Technical Committee 1 (JTC 1) Subcommittee 37 – Biometrics is developing a portfolio of international biometric standards. Some of these standards have already been approved and published by ISO. The InterNational Committee for Information Technology Standards (INCITS) Technical Committee M1 – Biometrics is developing a similar portfolio of national biometric standards. INCITS M1 is the standards body representing the U.S. in JTC 1 SC 37. Large international organizations are adopting the international standards emerging from JTC 1 SC 37. In the U.S. large government organizations are adopting the national biometric standards approved by INCITS as American National Standards. This talk will provide a brief summary of the status of these standards programs and will discuss adoption of these standards.

Biography: *Fernando L. Podio is a member of the Computer Security Division of the Information Technology Laboratory at the National Institute of Standards and Technology (NIST). Mr. Podio has worked in different aspects of IT development, measurements, and standards for over twenty-five years. For the past seven years he has been involved in biometrics research and standardization. He is currently responsible for the NIST Program on Accelerating the Development of Critical Biometric Standards & Associated Conformity Assessment Activities. Before his work in biometrics began, he conducted research and testing of intelligent data storage devices, sequential data storage media and optical digital data disks. He is the Chairman of ISO/IEC Joint Technical Committee 1 (JTC 1)/Subcommittee 37 (SC 37) – Biometrics and he also chairs the InterNational Committee for Information Technology Standards (INCITS) Technical Committee M1, Biometrics. He is the co-chair of the Biometric Consortium. He has shared a year 2003 Group US Department of Commerce Gold Medal Award for Distinguished Achievement in the Federal Service for "development of standards, testing methodology, and metrics for biometric technologies to be used for securing the Nation's borders" and received other national and international awards such as the InterNational Committee for IT Standards Gene Milligan Award in recognition of his leadership work in biometrics standards and NIST's 2000 William P. Slichter Award for "Outstanding Achievement in building or strengthening ties between NIST and industry". Mr. Podio has worked at NIST since 1983.*