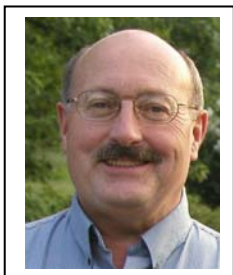


Biometric Consortium 2005 Conference

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Topic: ANSI/NIST Fingerprint Standards Update

Abstract: In April 2005 a workshop was held at NIST to review the features and uses of the current version of the ANSI/NIST-ITL 1-2000 Fingerprint standard. Potential changes, enhancements, and additions to the standard were explained and discussed. This report will summarize these proposed changes to the standard, the rationale for introducing the changes, and the steps necessary to incorporate them into the standard.

Biography: Michael McCabe is a computer scientist with the Information Technology Laboratory (ITL) of the National Institute of Standards and Technology (NIST). Working closely with the FBI on fingerprint and other AFIS related projects, he was responsible for the coordination and development of the current and future update of the ANSI/NIST-ITL 1-2000 standard for the Interchange of Fingerprint & Facial Scar Mark & Tattoo (SMT) Information. Currently, he is engaged with biometric accuracy testing methods, and is developing commercial standards for both identification and verification purposes in the ANSI and international arenas. This work is concentrated in data interchange formats for finger, face, and iris but also extends to performance accuracy testing and reporting for commercial and government applications.