

Biometric Consortium 2004 Conference

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Topic: Overview of NIJ RDT&E Activities in Biometrics

Abstract: This presentation will provide an overview of the broad research, development, test and evaluation activities taking place in biometrics within the National Institute of Justice within the Department of Justice. These activities include biometrics development, standards development, laboratory and operational evaluations in support of applications in law enforcement, corrections, and school safety across the technology areas of finger/palm prints, iris, and face.

Biography: Chris Miles received his Bachelor of Science degree in Electronics and Computer Engineering from George Mason University in 1987. Upon graduation, he went to work for the U.S. Army Night Vision Laboratory at Fort Belvoir, Virginia where he worked on the thermal targeting system for various missile and helicopter systems. In 1993, he left the Government to support the Defense Advanced Research Projects Agency (DARPA) high-definition display technology program and later became System Planning Corporation's Display Systems Department Director working on a number of applications of virtual, augmented, and hybrid-reality imaging systems.

Since February of 2000, he has been employed with the Office of Science and Technology in the Department of Justice, National Institute of Justice and is currently a Senior Program Manager in the Research and Technology Development Division. He personally manages projects in: firearm technologies in ballistics imaging, "smart gun," and gunshot detection; biometric technologies in wireless and remote identification, booking and background checks, corrections access and inmate movement control, and school access control and mid-day release verification; and sensor technologies in license plate recognition, thermal imaging and video surveillance.