

Biometric Consortium 2006 Conference

Peter T. Higgins

Principal Consultant

The Higgins-Hermansen Group, LLC

Suite 607

2111 Wilson Blvd; Arlington, VA 22201

Phone: 202.438.6611

peter.higgins@thehhg.com

Topic: Introduction to Biometrics

Abstract: While 2/3rds of the material is new the speaker will review the highlights of his 2002, 2003, 2004, and 2005 presentations on Biometrics basics. The 2005 reprise will include the maturing of biometrics, growing vocabulary issues, vulnerabilities, and workflows. The presentation will permit the audience members to understand the basic underpinnings of biometrics and the challenges of biometric applications.

The speaker will provide new information on current large-scale implementations, trends in the industry and the user community, prevalent myths, and a look at the role of biometrics in the war on terrorism. The lecture will be aimed at those just entering the world of biometrics as well as those with some exposure but possibly with a managerial or financial responsibility for managing or dealing with biometric-based systems. While the briefing will not include mathematical models or details the presenter will address the underlying probability aspects of the science of biometrics.

Biography: Mr. Higgins has been in the biometric field since the late 1980s when he was managing research in facial recognition. In the 1990s he was the Deputy Assistant Director in charge of the FBI's Integrated Automated Fingerprint Identification System (IAFIS). Since retiring in 1995 Mr. Higgins has supported 5 state identification bureaus in the procurement of AFIS systems. He worked with the Department of Defense to procure and install an AFIS in the Middle East as well as supporting several other biometric programs.

For the past 5 years Mr. Higgins has lectured on biometrics at UCLA's Extension School. In addition he has been a guest lecturer at Princeton University and other locations. He has participated in NIST standards workshops and has supported the Royal Canadian Mounted Police in benchmarking all the major AFIS vendor's systems.

Mr. Higgins has co-authored two books on biometrics: *Biometrics: Identification in the Information Age* by Woodward, Orleans and Higgins and *Automated Fingerprint Identification Systems* by Komarinski, P. Higgins, K. Higgins, and Fox.