

Biometric Consortium 2005 Conference

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Topic: Multi-Modal Fusion

Abstract: DoD ABIS began as a separate instantiation of the fingerprint identification component of the FBI IAFIS. During its first year of operation, lessons learned regarding the quality of field collected biometrics, the impact of biometric image quality (fingerprint and iris) on matching performance, and the acquisition of a biometric fusion algorithm have set the stage for the development, test, and integration of a multimodal biometric identification system. This talk presents an overview of the studies and analyses from these first steps toward multimodal operations.

Biography: Dr. Webb has over thirty years of experience in academia and industry. He is currently the research and analysis lead for the Lockheed Martin DoD ABIS contract. His previous work has been as an analyst and developer for diverse systems including image processing, target tracking, and nonlinear control.