

# *Biometric Consortium 2005 Conference*

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**Abstract:** Biometrics Symposium 2005

The Biometrics Symposium provides a forum for the dissemination and exchange of basic and applied scholarly research leading to applications of biometrics to human identification and verification. The intent of the Symposium is to stimulate and foster research in biometrics and build a bridge between basic research and operational realization of biometrics with respect to:

- \* Operationally Relevant Technologies
- \* Measures of Effectiveness
- \* Countermeasures and Spoofing
- \* Societal and Political Implications

The objective of the Symposium is to bring together researchers working in the convergence of disciplines defining biometric research, and to encourage the growth of the biometric research culture conducive to long-range research supporting the field. The Symposium will feature poster sessions and selected orally presented papers, and plenary lectures. The abstracts will be published on the web.

**Biography:** Dr. Lawrence A. Hornak received his B.S. in Physics from Binghamton University in 1982, his M.E. from Stevens Inst. of Technology in 1986 and his Ph.D. in Electrical Engineering from Rutgers in 1991. In 1982, he joined AT&T Bell Laboratories, Holmdel, NJ where as a member of technical staff he engaged in research in topics including robotic sensors and imaging, High-Tc superconducting interconnections, and optical interconnections. In 1991, Dr. Hornak joined the Department of Computer Science and Electrical Engineering at WVU and now directs the multiuniversity NSF Industry/University Cooperative Research Center in Identification Technologies (CITeR), and is a founding member of the Photonic & Microelectronic Technologies (PMT) Research Group at WVU. Dr. Hornak has continued research exploring high-performance mixed-technology systems, receiving an NSF National Young Investigator Award in support of his work. His current primary research explores wide bandgap semiconductor devices, photonic MEMS, and integrated biometric sensors and systems. Dr. Hornak has completed one edited book, several book chapters and has had over 80 articles published.