

Biometric Consortium 2005 Conference



Dr. Michael Miller]
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Topic: Recent Advances in Biometric Face Recognition

Abstract: This talk presents recent advances in the construction of Biometrics for face recognition emerging from the field of Computational Anatomy. Focus in the talk will be given to the principal challenges of solving the face recognition task associated with conventional high resolution imagers: (i) 3D shape through projection, (ii) uncontrolled positioning of the camera, (iii) variability of the lighting environment, and (iv) naturality of expressions..

Biography: MICHAEL I. MILLER, Engr 1978 (M.S.E.E.), 1983 (Ph.D./B.M.E.) founded Animetrics, a company dedicated to the Biometrics of Face Recognition in November 2003, and is currently the Herschel and Ruth Seder Professor of Biomedical Engineering, at the Johns Hopkins University. At the University Dr. Miller directs the Center for Imaging Science and focusses his academic research on pattern theory and computational anatomy. He was named the 2003 International Man of the Year by the International Biographical Centre in Cambridge, and in 2000 was named one of the Outstanding Intellectuals of the 21st Century. Dr. Miller was recognized in July 2002 by ISI Essential Science Indicators (<http://www.in-cites.com/scientists/DrMichaelIMiller.html>) as having the highest rate of increase of cited publications in the field of engineering. In 1986 Dr. Miller received the Presidential Young Investigator Award.