

Biometric Consortium 2003 Conference

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Dr. Besma Abidi is a Research Assistant Professor with the Department of Electrical and Computer Engineering at the University of Tennessee, Knoxville, since 1998. She was also a research scientist at the Oak Ridge National Laboratory with the Image Science and Machine Vision Group from February 1998 until July 2001. She occupied a post-Doctorate position with the Oak Ridge Institute of Science and Energy in 1999. Her research focuses on imaging and pattern recognition in the 2D and 3D domains.

Dr. Abidi is the principal investigator and/or co-principal investigator of current research projects sponsored by the National Safe Skies Alliance and the Transportation Security Administration, dealing with the enhancement of X-ray luggage scans and the automatic detection and tracking of security breaches in airport environments. Other projects she is involved in include large-scale harbor surveillance and multi-modality face modeling and recognition.

Dr. Abidi obtained her Ph. D. in image processing, sensor positioning, and 3D modeling from The University of Tennessee in 1995. She received her Master's degree in remote sensing from the National Engineering School of Tunis, Tunisia in 1986, and the Principal Engineer Diploma in Electrical Engineering, with honors, from the same school in 1985. She is married and has two school-age children.