

Biometric Consortium 2005 Conference

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Topic: Spoof Detection Using Multispectral Fingerprint Imaging Without Enrollment

Biography: Kristin Nixon is currently the Senior Scientist at Lumidigm, where she is responsible for classification algorithm design, development, and application integration. Prior to working at Lumidigm, she worked at InLight Solutions, where she played a lead role in developing the current biometric classification algorithms and designing and implementing the biometric studies and performing data analysis. Earlier, she served in various technical leadership and development capacities at both Los Alamos and Sandia National Laboratories. Projects include technical lead and software integrator for facility security and weapons dismantlement verification projects. In addition, she developed novel algorithms in gas chromatograph fault diagnosis and time-series anomaly detection, in addition to modeling properties of nuclear detonations. She graduated with a BS in Computer Science from Furman University, Greenville, South Carolina and from Florida State University with an MS and a PhD in Computer Science. She is an author of numerous publications in the field of pattern recognition.