

# *Biometric Consortium 2005 Conference*

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**Topic:** Countermeasures Against Iris Spoofing with Contact Lenses

**Abstract:** Patterned cosmetic contact lenses can be used in two ways to commit identity fraud in iris recognition systems: during enrollment in registration applications, by creating transferable identities, and during recognition in watch list applications, by hiding the true identity. We have developed two image-based countermeasures that are able to detect commercial patterned contact lenses, and will present the solution approaches and their performance.

**Biography:** Ulf Cahn von Seelen has worked in the field of iris recognition for over eight years, starting at Sensor Inc. in 1997 and continuing with Iridian Technologies Inc. in 2000. At Iridian, he is responsible for the research and development of image and iriscodes processing algorithms.

Ulf Cahn von Seelen received an M.S. in Computer Science (Dipl.-Inf.) from the University of Karlsruhe, Germany, and a Ph.D. in Computer Science from the University of Pennsylvania.