

Biometric Consortium 2006 Conference

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Topic: Measuring Biometric Sample Quality in Terms of Biometric Information

Biography: Andy Adler received the B.A.Sc. (honours) in Engineering Physics from the University of British Columbia in 1990. In 1990-1991, he worked in research at CIL explosives. He then returned to school and completed a Ph.D. in Biomedical Engineering at the École Polytechnique de Montréal in 1995. In 1995-1998, he worked at postdoctoral positions at McGill University and the University of Colorado Health Sciences Center. In 1998-1999, he was a hardware engineering team leader for American Biometric Company. Subsequently, in 1999-2001, he worked for AiT corporation (now 3M) as a senior software engineer, architecting and developing cryptographic and biometric security technology systems for government applications, and he worked as the senior biometrics scientist for BioDentity Systems corporation (now Cryptometrics). In 2002-2006 he taught and researched in Electrical Engineering at the University of Ottawa. Since 2006, he holds a Canada Research Chair (tier 2) in biomedical engineering in the department of Systems and Computer Engineering at Carleton University. His interests are: 1) development of novel biomedical measurement devices and medical image and signal processing algorithms, and, 2) biometrics imaging and security systems, and the associated algorithms, measurement devices, and privacy and security aspects.