

Biometric Consortium 2006 Conference

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Topic: Advanced Face Recognition Workshop: Panel Report

Abstract: A panel report on the "Advanced Face Recognition Workshop" that was held in Morgantown, WV in 2005.

Biography: Sankar Basu is a Program Director at NSF. He came to NSF from the IBM T. J. Watson Research Center. After receiving a PhD from U of Pittsburgh he served on the faculty of Stevens Institute of Technology, where he taught and conducted funded research (Air-Force, NSF), and for a brief period was with the Naval Underwater Systems Center, CT as a visiting senior scientist. He has visited the Ruhr University, Bochum, Germany as an Alexander von Humboldt fellow, and the MIT Laboratory for Information and Decision Systems (LIDS) for extended periods. At NSF his primary responsibilities include Design automation for Micro and Nano-systems, which includes VLSI CAD, micro-fluidics, mixed signals systems and nano-computing architectures. In addition, he participates in interdisciplinary NSF programs on Interactions between Mathematics and Computer Science (MCS), the Nano Science and Engineering (NSE) program, and in the past has participated in the Science of Learning Centers (SLC) Program and the Information Technology Research (ITR) program. In this latter capacity, he was also involved in projects related to learning theory and pattern analysis. Dr. Basu's past research interests had been in the analytical aspects circuits, signals and systems. At IBM, he also worked on statistical learning, speech and multimedia data retrieval, and has extensively published on filter synthesis, image processing, nonlinear modeling techniques. An author/coauthor of over one hundred refereed publications including two special volumes on wavelets and filter banks, he was keynote speakers at the First International Workshop on n-D systems (NDS) 1998 in Lagow, Poland as well as at NDS2000 on Czocha Castle, Poland. He holds 9 US Patents with several more pending. He is the Editor-in-Chief (EIC) for IEEE Transactions on Circuits and Systems (TCAS)-Part I: Regular Papers, and during 2004-2005 was the EIC for the TCAS-part II: Express Briefs. He either currently serves or in the past has served in editorial capacities for a number of publications including the IEEE Transactions on Multimedia, the Journal of Applied Signal Processing of the European Association of Signal Processing, the Journal of Multidimensional Systems and Signal Processing, and the Journal of VLSI Signal and Image Processing published by the Kluwer Academic Publishers.