

Biometric Consortium 2004 Conference

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Topic: NSTC IWG on Biometrics: Interagency RDT&E Coordination

Abstract: The National Science and Technology Council (NSTC) was established by Executive Order on November 23, 1993. This Cabinet-level Council is the principal means by which the President coordinates science and technology policies across the Federal Government. The NSTC acts as a virtual agency for science and technology to coordinate diverse parts of the Federal research and development enterprise. The Council prepares research and development strategies that are coordinated across the Federal agencies to form a comprehensive investment package aimed at accomplishing multiple national goals.

This session provides an overview of the NSTC's Interagency Working Group on Biometrics, which facilitates interagency cooperation on biometrics RDT&E, and the activities of its four subgroups: biometric modalities; biometric systems and human interface issues; biometrics fusion, test infrastructure and evaluation; and the social, legal and privacy aspects of biometric technologies.

Biography: Dr. Omid Omidvar is program manager for Homeland Security and Biometric Program at National Institute of Standards and Technology, U.S. Department of Commerce. He is managing a diverse group of projects worth more than \$100 million. Prior to this he worked as a research scientist in areas of Optical Character Recognition for IRS and Finger Print Classification for FBI, and Face Recognition for Advanced Systems Division of Information Technology Laboratory at NIST.

Dr. Omidvar authored numerous technical papers, books and journal papers in areas such as Computer Architectures, Machine Vision, Neurodynamics of Learning, Robotics and Control, Finger Print, and OCR. Dr. Omidvar was the Editor-in-Chief of the "Journal of Artificial Neural Networks" a publication of Ablex publishing corporation. Dr. Omidvar has published ten volumes of books in areas such as Machine Vision, Robotics, Control Theory, Computer Architecture, Pattern Recognition, Neural Networks. These are Ablex and Academic Press Publications. His latest book is on Shape Recognition and is published by Intellect Press of UK. He has organized and run conferences in image processing, neural networks, robotics and control, Biometric and Homeland Security.

Dr. Omidvar's undergraduate degree is in Industrial Management and Engineering, his MS degree in Computer Engineering and his Ph.D. degree is in Computer Science. He also has received his MBA degree from George Mason University. His research interest includes Biometrics and Homeland Security, Digital Video, Wireless Communications, Intelligent Systems, Wafer Scale Integration, Robotics and Control, and Computer Vision. He is a member of SMPTE, NAB, IEEE, ACM, INNS, and MAA. Dr. Omidvar has made the cover of Government Computer News in an interview related to "Federal Focus in on Biometrics Tools." in April 15th 2002 issue. He has also been interviewed by InfoWorld, "Funding the Future" in March 15, 2002. He is a member Homeland Security Strategic Working Group at NIST, member of Biometric Interagency Working Group at NSTC, and member of Critical Infrastructure Protection Interagency Working Group at OSTP.