

**BIOMETRIC CONSORTIUM CONFERENCE 2007
PROGRAM
September 11-13, 2007**

KEYNOTE SPEAKERS



**Dr. [John H. Marburger III](#)
Science Adviser to the
President and Director of the
Office of Science and
Technology Policy
Executive Office of the
President**



**Mr. [Dave Wennergren](#)
Deputy Assistant Secretary of
Defense for Information
Management, Integration, and
Technology & DoD Deputy
Chief Information Officer**



**Mr. [William Gravell](#)
President,
Diogenes Group LLC**



**The [Honorable James W. Ziglar](#)
President and Chief Executive
Officer, Cross Match
Technologies, Inc.**



**Mr. [George M. Schu](#)
Vice President, Booz Allen
Hamilton Inc.**

Tuesday 11 September			
Time	<u>Session Focus - US Government</u> <u>Session I – RM. 307/308</u>	<u>Session Focus - Research/Educational</u> <u>Session II – RM. 309</u>	<u>Session Focus - International/Industry</u> <u>Session III – RM. 310</u>
7:30	Continental Breakfast		
8:30	<p style="text-align: center;"><u>Welcome</u> <u>Conference Co-Chairs Opening Remarks</u></p> <p style="text-align: center;"><u>Mr. Jeffrey Dunn</u>, Technical Director for Biometrics, National Security Agency/Research Directorate <u>Mr. Fernando Podio</u>, Computer Security Division, Information Technology Laboratory, National Institute of Standards and Technology</p>		
8:40	<p>Department of Justice Session</p> <p>Moderator: <u>Mr. Chris Aldridge</u>, Western Operations Director, NLECTC-Border Research and Technology Center</p> <p><u>“Biometric Applications for Criminal Justice”</u>, <u>Mr. John Morgan</u>, Deputy Director of Science and Technology, National Institute of Justice (NIJ)</p>	<p>Research Symposium</p> <p>Moderators: <u>Dr. Lawrence Hornak</u>, Professor and Co-Director, Center for Identification and Technology Research, West Virginia University</p> <p><u>Dr. Anil Jain</u>, University Distinguished Professor, Michigan State University</p> <p>8:40 – 9:00 “Three-view Surveillance Video Based Face Modeling for Recognition”, <u>Dr. Lijun Yin</u>, State University of New York at Binghamton</p> <p>9:00 – 9:20 “Face Based Biometric Authentication with Changeable and Privacy Preservable Templates”, <u>Dr. Kostas Plataniotis</u>, University of Toronto</p> <p>9:20 – 9:40 “Robust Super-Resolution of Face Images Using Iterative Compensating Neighborhood Relationships”, <u>Ms. Sung Won Park</u>, Carnegie Mellon University</p>	<p>Biometrics Overview Session</p> <p><u>“Introduction to Biometrics”</u>, <u>Mr. Peter Higgins</u>, Principal Consultant, The Higgins-Hermansen Group, LLC</p>
9:00	<p><u>Mr. Scott Swann</u>, Executive Program Manager, DOJ/Federal Bureau of Investigation (FBI)</p> <p>“IDENT/IAFIS Interoperability”, <u>Ms. Cynthia Estep</u>, Supervisory Management and Program Analyst, DOJ/FBI/CJIS and Ms. Diane Stephens, US-VISIT Program, Department of Homeland Security</p>		
9:20	<p>“FBI Criminal Justice Information Services (CJIS) Division – Next Generation Identification”, <u>Mr. Nick Megna</u>, Management and Program Analyst, FBI/CJIS/Next Generation Identification</p>		

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9:40	Break		
10:20	<p>Department of Justice Session (con't)</p> <p>“Update Status of the ANSI/NIST-ITL 1-2007 Standard”, Mr. Michael McCabe, Computer Scientist, Information Access Division, NIST/ITL</p> <p>“Standards, Profiles and Certification for Mobile Identification”, Mr. Tom Hopper, Senior Computer Engineer, FBI</p>	<p>Research Symposium (con't)</p> <p>10:20 – 11:00</p> <p>“Iris Recognition -- Algorithms, Performance and Challenges Invited Talk”, Prof. John Daugman, University of Cambridge</p>	<p>Biometrics Overview Session (con't)</p>
10:40	<p>“Stockton Police Department - Field Force Implementation of Cogent BlueCheck Mobile Scanners”, Mr. Tom Hennig, Program Manager, Stockton Police Department</p>		<p>Introduction to Biometrics, Mr. Peter Higgins, Principal Consultant, The Higgins-Hermansen Group, LLC</p>
11:00	<p>“Mobile Facial Recognition-Update from the Pinellas County Sheriff's Office”, Lt. Jim Main, Pinellas County Sheriff's Office</p> <p>Session will continue in Room 302 from 2:00 pm – 3:00 pm</p>	<p>11:00 – 11:20</p> <p>“A Multispectral Whole-hand Biometric Authentication System”, Dr. Robert K. Rowe, Lumidigm, Inc.</p>	
11:20	<p>Keynote Speaker</p> <p>Mr. Dave M. Wennergren</p> <p>Deputy Assistant Secretary of Defense for Information Management, Integration, and Technology & DoD Deputy Chief Information Officer</p> <p>“Delivering the Power of Information”</p>		

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12:00	Lunch AFCEA BiometricsTechnology Expo Opens		
1:30	Keynote Speaker Mr. George M. Schu Vice President, Booz Allen Hamilton Inc. “Examining the Obstacles to Protecting IT with Biometrics”		
2:00	Department of Homeland Security Session Moderator: Mr. Thomas Coty , Identity Management Lead, Department of Homeland Security/S&T <u>“Session Overview”</u> , Session Moderator	Research Symposium (con’t) 2:00 – 2:20 <u>“Speaker Identification in the Presence of Room Reverberation”</u> , Dr. Phillip L. De Leon , New Mexico State University	International Biometric Industry Association Moderator: Mr. Walter Hamilton , Chairman, International Biometric Industry Association “Strong Business Models for the Growing Biometrics Industry” , Mr. Ajay Amlani , Vice President, Strategy and Sales Operations, Pay by Touch
2:20	<u>“Transportation Worker Identification Credential (TWIC) Program Update”</u> , Ms. Maurine Fanguy , Program Director, TWIC Program, Transportation Security Administration	2:20 – 2:40 <u>“Cracking Fuzzy Vaults and Biometric Encryption”</u> , Mr. Walter J. Scheirer , University of Colorado at Colorado Springs	<u>“Real World, Most Demanding Biometric Applications, Part II”</u> , Mr. Gordon Levin , Staff Engineer, Walt Disney World
2:40	<u>“SAFETY Act Overview”</u> , Dr. David McWhorter , Technical Evaluator, Office of SAFETY Act Implementation	2:40 – 3:00 <u>“Non-metric Biometric Clustering”</u> , Dr. Glenn Becker , Unisys Corporation	
3:00	Break		

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3:40	<p>Department of Homeland Security Session (con't)</p> <p>“Government Program for the Testing of Biometrics Products for Airport Access Control”, Mr. Rick Lazarick, Chief Scientist-Identity Labs, Computer Sciences Corporation and Ms. Valerie Lively, Department of Homeland Security</p>	<p>Research Symposium (con't)</p> <p>Panel: The Biometrics Challenge: From Basic Research to Venture Capital</p> <p>Moderator: Mr. Christopher Miles, Biometrics Program Manager, Department of Homeland Security/Science and Technology Directorate</p> <p>“The Federal S&T Budget Process”, Mr. Duane Blackburn, Policy Analyst, Office of Science & Technology Policy</p>	<p>International Biometric Industry Association (con't)</p> <p>“The Launch of Smart Scan – Launching Biometrics for Consumer Applications”, Mr. Dave Albert, Vice President Brand Marketing & Business Development, Black and Decker Hardware & Home Improvement / Kwikset and Mr. Nick VandenBrekel, Founder and Chief Executive Officer, Sequiam Biometrics Inc.</p>
4:00	<p>“Coast Guard Biometric Identification At Sea Project”, Ms. Christina O’Loughlin, Security Analyst, Science Applications International Corporation and LTJG Mario Teixeira, U.S. Coast Guard Research & Development Center</p>	<p>“The Biometric Research and Systems Challenge”, Session Moderator</p>	<p>“An Investors View of Commercially Oriented Biometrics”, Mr. Jay Meier, President, Sage Capital Advisors, LLC.</p>
4:20	<p>“US-VISIT Biometric Services and Data Sharing”, Ms. Diane Stephens, US-VISIT Program, Department of Homeland Security</p>		
4:40		Q & A	Q & A
5:00 – 6:30	<p>Reception at the 2007 Biometrics Technology Expo in Exhibit Hall A/B</p> <p>Research Symposium Poster Session in Exhibit Hall A/B (See poster topics and presenters at end of this program)</p>		

Wednesday 12 September			
<u>Time</u>	<u>Session Focus - US Government Session I – RM. 307/308</u>	<u>Session Focus - Research/Educational Session II – RM. 309</u>	<u>Session Focus - International/Industry Session III – RM. 310</u>
7:30	Continental Breakfast		
8:30	<p align="center">Keynote Speaker Dr. John H. Marburger, III Science Adviser to the President and Director of the Office of Science and Technology Policy <u>“Written Speech”</u></p>		
9:00	<p>Executive Office the President of the United States, National Science & Technology Council, Subcommittee on Biometrics & Identity Management Session</p> <p>Moderator: <u>Mr. Duane Blackburn</u>, Policy Analyst, Office of Science & Technology Policy</p> <p><u>“Biometrics and Identity Management”</u>, Session Moderator</p>	<p align="center">Research Symposium (con’t)</p> <p align="center">9:00 – 9:40</p> <p align="center">Invited Talk: “Biometric Engineering Research Center - Key Research and Applications”, <u>Prof. Jaihie Kim</u>, Yonsei University</p>	<p align="center">Security of Biometrics</p> <p>Moderator: <u>Dr. Colin Soutar</u>, Chief Technology Officer, Bioscrypt Inc.</p> <p><u>“Biometrics Security Models”</u>, Session Moderator</p>
9:20	<p><u>“Interoperability”</u>, Ms. Kim Del Greco, Federal Bureau of Investigation</p>		<p><u>“INCITS M1 Study Report on Biometric and E-Authentication – Major Findings and Next Steps”</u>, <u>Cathy Tilton</u>, VP, Standards and Emerging Technologies, Daon</p>
9:40		<p align="center">9:40 – 10:00</p> <p align="center"><u>“IEEE TAB on Biometrics”</u>, Dr. Evangelia Micheli-Tzanakou, Rutgers University</p>	<p><u>“Biometrics Institute Vulnerability Assessment Project”</u>, <u>Dr. Ted Dunstone</u>, Biometrics Institute Limited</p>
10:00	Break		

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10:40	Executive Office the President of the United States, National Science & Technology Council, Subcommittee on Biometrics & Identity Management Session (con't) “Standards” , Mr. Michael Hogan , Standards Liaison, NIST/ITL	Research Symposium (con't) 10:40 – 11:00 “Towards Unattended and Privacy Protected Border Control”, Dr. Christoph Busch , Fraunhofer Institute for Computer Graphics Research IGD	Biometric Standards Session Moderator: Mr. Fernando Podio , Computer Security Division, NIST/ITL, Co-Chair, Biometric Consortium “Status and Adoption of National and International Biometric Standards” , Session Moderator
11:00	“Technology Activities of the NSTC Subcommittee on Biometrics & Identity Management” , Mr. Christopher Miles , Senior Program Manager, Department of Homeland Security/Science and Technology Directorate, Biometrics Program	11:00 – 11:20 “Illumination Normalization Based on Simplified Local Binary Patterns for a Face Verification System”, Ms. Qian Tao , University of Twente	“Implementing Biometric Standards - Architectural & Design Considerations”, Mrs. Cathy Tilton , VP, Standards and Emerging Technologies, Daon and Mr. Terry Hartmann , Director and Global Solution Lead, Secure id and Biometrics, Unisys US Based Case Studies/Programs, to include: - Personal Identity Verification (HSPD-12), RT and TWIC
11:20	“Privacy and Biometrics” , Mr. Peter Sand , Director of Privacy Technology, Department of Homeland Security	11:20 – 11:40 “Dots and Incipients: Extended Features for Partial Fingerprint Matching”, Ms. Yi Chen , Michigan State University	International Case Studies/Programs, to include: - Australian programs - Asian Border Systems
11:40	Q & A	11:40 – 12:00 Lockheed Martin Corporation Best Paper Awards	
12:00	Lunch		
1:30	Keynote Speaker The Honorable James W. Ziglar President and Chief Executive Officer, Cross Match Technologies, Inc. “Identity Management, Biometrics, and Immigration Reform”		

2:00	<p>National Institute of Standards and Technology Session</p> <p>Moderator: Dr. Martin Herman, Chief, Information Access Division, NIST/ITL</p> <p><u>“Introduction to NIST’s Biometrics Programs”</u>, Session Moderator</p>	<p>Biometric Technology in the Department of Justice Session</p> <p>Moderator: Mr. Chris Aldridge, Western Operations Director, NLECTC-Border Research and Technology Center</p> <p><u>“TBS Touchless Ten Printer (TTP) Rolled Equivalent Fingerprints”</u>, Dr. William F. Long, Chief Operating Officer, TBS North America, Inc.</p>	<p>Advanced Technologies for Iris Recognition Panel</p> <p>Moderator: Dr. Joseph Atick, Executive Vice President, Chief Strategy Officer, L-1 Identity Solutions</p> <p><u>“Current State of Iris Recognition Performance: Image Quality and Interoperability”</u>, Dr. Valorie Valencia, Chief Executive Officer, Authenti-Corp</p>
2:20	<p><u>“Face Recognition Vendor Test (FRVT) 2006 and Iris Challenge Evaluation (ICE) 2006 Large Scale Results”</u>, Dr. Jonathon Phillips, Electronics Engineer, Information Access Division, NIST/ITL</p>	<p><u>“Flexible Foil Sensor Technology for Fingerprint Capturing”</u>, Mr. Greg Cannon, Chief Technology Officer, Cross Match Technologies, Inc.</p> <p>Dr. Latanya Sweeney, Associate Professor of Computer Science, Technology and Policy, Carnegie Mellon University/School of Computer Science</p>	<p><u>“Image Acquisition Advances: Easier for Users, Harder for Algorithms”</u>, Dr. James R. Matey, Distinguished Member of Technical Staff, Sarnoff Corporation</p>
2:40	<p><u>“Federal Identity Management Program Activities”</u>, Mr. Patrick Grother, Scientist, Information Access Division, NIST/ITL</p>	<p><u>“Real-Time, 3-D Finger and Palm-Print Scanner for Entry and Access Portal Security”</u>, Dr. Laurence Hasebrook, Associate Professor, University of Kentucky</p>	<p><u>“Adapting the Algorithms to the Challenges”</u>, Dr. John Daugman, University of Cambridge</p> <p>Q&A</p>
3:00	Break		

3:40	<p>National Institute of Standards and Technology Session (con't)</p> <p><i>(continuation)</i></p> <p>“Federal Identity Management Program Activities”, Mr. Patrick Grother, Scientist, Information Access Division, NIST/ITL</p>	<p>Biometric Technology in the Department of Justice Session (con't)</p> <p>“Face at a Distance in Real-World Environments”, Dr. Peter Tu, GE Global Research</p>	<p><u>“Recent Biometric Developments in Israel”</u></p> <p>Mr. Uzy Berlinsky, Director Inspector General, Prime Ministers Office Israel</p>
4:00	<p><u>“The Last 1% - Biometric Quality Assessment for Error Suppression”</u>, Ms. Elham Tabassi, Staff Scientist, Information Access Division, NIST/ITL</p>	<p><u>“Recognition of Non Cooperative Individuals at a Distance Using 3-D Face Biometrics”</u>, Dr. Jungmoo Choi, Post Doctoral Research Fellow, University of Southern California</p> <p><u>“Face Recognition across Pose with Bilinear Active Appearance Models”</u>, Mr. Fernando de la Torre, Research Scientist, Carnegie Mellon University</p>	<p>Challenges and Opportunities to Implementing Biometrics in Transportation Session</p> <p>Moderator: Mr. Michael Dinning, Executive Director of Business Development, U.S. Department of Transportation, Volpe Center</p> <p><u>“Transportation: Biometric Applications on the Move”</u>, Session Moderator</p>
4:20	<p>“MBARK: The Multimodal Biometric Application Resource Kit”, Dr. Ross Micheals, Supervisory Computer Scientist, Information Access Division, NIST/ITL</p>	<p><u>“Multibiometrics: Facial and Iris-based Biometric Systems”</u>, Dr. Chengjun Liu, Associate Professor, New Jersey Institute of Technology</p>	<p><u>“Lessons Learned from Biometric Applications in Transportation”</u>, Mr. William Baron, Acting Chief, Infrastructure Protection and Operations Division, U.S. Department of Transportation, Volpe Center</p>
4:40		<p><u>“Multibiometrics”</u>, Mr. Michael Thieme, Director of Special Projects, International Biometric Group</p>	<p><u>“The Value of Biometric Technology to Expeditionary Forces”</u>, Mr. Curt Leisentritt, Anti Terrorism/Force Protection Program Manager, 5th Special Forces Group, Harding Security Associates</p>
5:00	Adjourn		

Thursday 13 September			
<u>Time</u>	<u>Session Focus - US Government Session I – RM. 307/308</u>	<u>Session Focus - Research/Educational Session II – RM. 309</u>	<u>Session Focus - International/Industry Session III – RM. 310</u>
7:30	Continental Breakfast		
8:30	<p align="center">Keynote Speaker</p> <p align="center">Mr. William Gravell President, Diogenes Group LLC</p> <p align="center"><u>"Final Report of the Defense Science Board Task Force on Biometrics - The Nexus of Biometrics with Identity Management"</u></p>		
9:00	<p>Department of Defense Session</p> <p>Moderator: Mr. Thomas Dee, Director, Defense Biometrics, Office of the Secretary of Defense, Acquisition Technology & Logistics, Director Defense Research & Engineering (OSD/AT&L [DDR&E])</p> <p><u>"DoD Organization and Strategy Overview"</u>, Session Moderator</p>	<p>Nanotechnology and Biometrics</p> <p>Moderator: <u>Dr. Lars Ericson</u>, Senior Scientist, ManTech International Corporation</p> <p><u>"Introduction: Nanotechnology and Biometrics"</u>, Session Moderator</p> <p><u>"Next Generation Biometrics: The Enabling Role of Nanoscale Science, Engineering and Education"</u>, <u>Dr. Lawrence Hornak</u>, Professor and Co- Director, Center for Identification and Technology Research (CITeR), West Virginia University</p>	<p>Session on the Status of Biometrics and Other Special Topics</p> <p>Moderator: <u>Mr. Raj Nanavati</u>, Partner, International Biometric Group</p> <p><u>"Evolution of the Federal Biometrics Market"</u>, Session Moderator</p>
9:20	<p>"Operational Biometrics in Support of GWOT", <u>Dr. Myra Gray</u>, Director, Biometrics Task Force</p>	<p>"Nanotechnology from a Strategic Investor's Perspective", <u>Dr. Sydney Ulvick</u>, Director of Technology Practices, Biotechnology, Nanotechnology, and Chemical Technology, In-Q-Tel, Inc.</p>	<p><u>"Biometrics in Asia Pacific"</u>, <u>Mr. Terry Hartmann</u>, Director and Global Solution Lead, Secure id and Biometrics, Unisys</p>
9:40		<p>"Applications for NanoTechnology in the Biometrics Challenge", <u>Mr. Christopher Miles</u>, Senior Program Manager, Department of Homeland Security/Science and Technology Directorate, Biometrics Program</p>	<p><u>"The Status of Biometrics in Australia and New Zealand"</u>, <u>Dr. Ted Dunstone</u>, Biometrics Institute Limited</p>
10:00	Break		

Thursday 13 September			
Time	<u>Session Focus - US Government</u> <u>Session I – RM. 307/308</u>	<u>Session Focus - Research/Educational</u> <u>Session II – RM. 309</u>	<u>Session Focus - International/Industry</u> <u>Session III – RM. 310</u>
10:40	<p>Department of Defense Session (con't)</p> <p>“Force Protection in Homeland Installation Access”, Mr. Frank Lugo, NORTHCOM</p>	<p>Nanotechnology and Biometrics Panel Discussion</p> <p>Panel Discussion including speakers from hour one.</p>	<p>Session on the Status of Biometrics and Other Special Topics (con't)</p> <p><i>Applying Biometrics in Europe</i></p> <p>“Towards Larger Scale Deployments of Biometrics in the European Union”, Mr. Marek Rejman-Greene, Senior Biometrics Advisor, Home Office Scientific Development Branch</p> <p>“Addressing EU Needs for Testing and Assurance of Biometric Systems”, Dr. Tony Mansfield, National Physical Laboratory</p> <p>“Biometrics in Europe: An Overview”, Mr. Max Snijder, European Biometrics Forum</p>
11:00	<p>“U.S. Navy Biometrics: An Overview”, Ms. Anh Duong, Navy</p>		<p>Status of Biometrics Panel All the speakers above</p>
11:20	<p>“Biometric-Forensic Support to the Warfighter – A MAGTF Vision”, Lt. Col. John Manson, Plans, Policies & Operations, United States Marine Corps</p>		
11:40	<p>Q & A</p>		
12:00	<p>Co-Chair Closing Remarks, Jeff Dunn & Fernando Podio</p>		

SPECIAL SESSIONS and WORKSHOPS

Tuesday – September 11

Special Sessions - Room 302

8:40 AM to 12:00 PM

Usability of Biometrics – It starts with the User

Moderators: Mary Theofanos and Ross Micheals, NIST

As practitioners of biometric technologies we often overlook the most important system input --- that biometrics starts with the *user*. That is, we should not forget that we are interacting humans --- and that our behavior, cognition, anthropometric qualities impacts the system efficiency, effectiveness, and user satisfaction.

Join us for *Usability of Biometrics: It starts with the User*. This is the first track ever at the Biometrics Consortium Conference that is dedicated to the growing field of research into understanding the unique overlap between biometrics and usability. As evidenced by the variety of topics & speaker affiliations, biometrics usability crosses industry, government, and academics.

Attendees seeking an introduction to usability and human factors are particularly well-suited to benefit from the wide range of topics and perspectives that will be covered in these talks. Expect to learn why usability is not guesswork; but an approach that can be just as rigorous and scientific as more traditional, pure technological, approaches. Scheduled speakers include:

- “Keynote: Biometric Usability, Quality, and Technical Performance Measurement Error”, Jim Wayman, San Jose State University
- “Introductory remarks: Federal Agenda for Biometrics”, Duane Blackburn, OSTP
- “Designing the User Experience of Biometric Systems”, Angela Sasse, University College London
- “Walt Disney World's Biometric System Usability Magic”, Gordon Levin, Walt Disney World
- “Assessing Face and Iris Acquisition”, Ross Micheals and Charles Sheppard, NIST
- “Accessible Biometrics”, Brian Stanton, NIST

SPECIAL SESSIONS and WORKSHOPS (con't)

Tuesday – September 11

Special Sessions - Room 302 (continued)	
2:00 PM to 3:00 PM	<p>DOJ Continuation Session – “Lessons Learned: Case Study of Implementing Fingerprint / Mug Shots in a Mobile Law Enforcement Environment” Moderator: Mr. Chris Aldridge, Western Operations Director, NLECTC-Border Research and Technology Center Speakers: Lieutenant Vince Byrd, Director of Northern Virginia Regional Fingerprint System, Fairfax County Police Department Frank Sangiorgi, Director of Federal Biometric Sales, Motorola, Inc.</p> <p>This session will discuss the interoperable criminal identification solutions deployed to the Fairfax County Police Department (NOVARIS) for the National Capital Region (NOVARIS, DC Metro, RAFIS). This solution allows each agency to search its own fingerprint database first and then search the other agencies if a hit is not identified. In addition, NOVARIS provided Montgomery County, MD with its own searchable mugshot system with capabilities to search each agency’s mugshot database. The advantages of networking capabilities between agencies will be addressed, as well as the implications for Mobile AFIS in enabling officers to identify individuals in the field wirelessly and seamlessly.</p>
3:40 PM to 5:00 PM	<p>Integrated Identities Framework Workshop (presented by Booz Allen Hamilton) Moderator: Tom Vander Vlis, Senior Associate, Booz Allen Hamilton</p> <p>Biometrics are an important aspect of the Identity landscape - useful for both identifying and authenticating. A better understanding for how biometrics may be useful in an Identity solution is aided by a greater appreciation for a larger Identity framework. This session will propose a framework for Identity that allows us to examine how different aspects of the Identity problem space (e.g., a protection vs. an exploitation mission, different entity types) have a direct impact on the evaluation or trade space analysis for Identity solutions. During this workshop, we will discuss a lexicon for Identity, propose an Identity framework, and explore the proposed framework with various illustrative scenarios that help to illuminate some of the important trade criteria for solutions in several technical and non-technical dimensions.</p>

SPECIAL SESSIONS and WORKSHOPS (con't)

Wednesday – September 12

National Biometric Security Project (NBSP) Workshops - Room 302	
10:40 AM to 12:00 PM	<p>Anonymous Identity Authentication: A discussion on the concept of anonymous biometric authentication and its potential to minimize identity theft/fraud. Confirmed panelists include:</p> <ul style="list-style-type: none"> • John Siedlarz, Chairman & CEO, National Biometric Security Project • John Campbell, CEO, Bion Biometrics • Peter Went CEO, WCC Corporation • Dan Nickell, VP Technology, NBSP • Richard G. Scott, Global Services, IBM Corp
1:30 PM to 3:00 PM	<p>Biometric Testing: Technology, Scenario, Operational and QPL Testing: The panel of industry experts will review the various attributes of technology, scenario and operational testing and their contribution to purchase decisions. The panel will also discuss the implications of the TSA and NBSP Qualified Product List (QPL) testing programs. Confirmed panelists include:</p> <ul style="list-style-type: none"> • Dr. Tony Mansfield, National Physical Laboratory • Dr. Jim Wayman, Former Director, National Biometric Test Center College of Engineering, San Jose State University • Michael Thieme, Director, Special Projects, IBG • Dan Page, CEO, Integrated Biometrics • R.J. Langley, Vice President, Products and Alliances, Daon, Inc. • Dominique Harrington, Director of Testing, NBSP
4:00 PM to 5:00 PM	<p>The Need for Biometric Training: A review of the state of available biometric training at the academic and institutional level and a look at various biometric training initiatives. Confirmed/invited panelists include:</p> <ul style="list-style-type: none"> • John Souder, Vice President, Identification Solutions, Global Public Sector Unisys Corporation • M. Paul Collier, President of Identification Technology Partners, Inc. • Holly Henry, Community Outreach Specialist, FBI, CJIS Division • Valerie Evanoff, Managing Director, NBSP TRDC , LLC

Research Symposium Poster Session
Tuesday, September 11, 2006
Exhibit Hall A/B (5:00 pm – 6:30 pm)

- **Latent Fingerprint Reconstruction Method Using Partial Differential Equation and Exemplar-Based Inpainting Methods:** [Mr. Mark Rahmes](#), Harris Corporation
- **Uncorrelated Multilinear Discriminant Analysis with Regularization for Gait Recognition:** [Mr. Haiping Lu](#), University of Toronto
- **On-line signature verification using Hidden Markov Models with structure estimation from the signature duration:** [Mr. J.M. Pascual-Gaspar](#), University of Valladolid
- **Boosting LDA with Regularization on MPCA Features for Gait Recognition:** [Mr. Haiping Lu](#), University of Toronto
- **Biometric Signature Authentication Using Radon Transform-Based Watermarking Techniques:** [Mr. Emanuele Maiorana](#), University "Roma Tre"
- **Reducing Speaker Model Search Space in Speaker Identification:** [Dr. Phillip L. De Leon](#), New Mexico State University
- **Biometric Identity Verification Using Intra-Body Propagation Signal:** [Dr. Isao Nakanishi](#), Tottori University
- **Fingerprint Alignment For A Minutiae-Based Fuzzy Vault:** [Dr. Jason Jeffers](#), RMIT University
- **Contactless Hand Recognition Based On Distribution Estimation:** [Mr. J. Doublet](#), France Telecom R&D
- **Impact of signature legibility and signature type in off-line signature verification:** [Dr. Julian Fierrez](#), Universidad Autonoma de Madrid
- **Fuzzy vault for face based cryptographic key generation:** [Dr. Kostas Plataniotis](#), University of Toronto
- **A Correlation Based Approach to Human Gait Recognition:** [Mr. Tahir Amin](#), University of Toronto
- **Face Pose Correction With Eyeglasses and Occlusions Removal:** [Mr. Jingu Heo](#), Carnegie Mellon University
- **WebBiometrics: User Verification via Web Interaction:** [Mr. H. Gamboa](#), Instituto de Telecomunicações
- **On a Local Ordinal Binary Extension to Gabor Wavelet-based Encoding for Improved Iris Recognition:** [Mr. Jinyu Zuo](#), West Virginia University
- **Set-to-Set Face Recognition Under Variations in Pose and Illumination:** [Ms. Jen-Mei Chang](#), Colorado State University
- **Person Identification using evoked potentials and peak matching:** [Mr. Girish K. Singhal](#), Johns Hopkins University
- **Resource allocation strategies for secure and efficient communications in biometrics-based body sensor networks:** [Mr. Francis Minhthang Bui](#), University of Toronto