

**BIOMETRIC CONSORTIUM CONFERENCE  
2011 PRELIMINARY PROGRAM  
September 27 – 29, 2011**

	<b>Mr. Jeffrey S. Dunn</b> Laboratory for Physical Science, National Security Agency Research Directorate		<b>Mr. Fernando Podio</b> Computer Security Division, Information Technology Laboratory. National Institute of Standards and Technology
	Conference Co-Chair		Conference Co-Chair
	<b>Mr. Duane Blackburn</b> Assistant Director, Identity Management and Homeland Security, White House Office of Science and Technology Policy		<b>The Honorable Bob Buckhorn</b> Mayor, City of Tampa, Florida
	Tuesday 8:20 AM Ballroom A		Tuesday 8:20 AM Ballroom A
	<b>Mr. Konrad J. Trautman</b> U.S. Special Operations Command's (USSOCOM) Director of Intelligence, J2		<b>Mr. John Mears</b> Director of Biometrics and Identity Management Solutions, Lockheed Martin IS & GS – Civil
	Tuesday 1:30 PM Ballroom A		Wednesday 8:30 AM Ballroom A
	<b>Mr. Robert Mocny</b> Director, Department of Homeland Security (DHS), US-VISIT		<b>Mr. Ernest Reith</b> Associate Executive Assistant Director, Federal Bureau of Investigation (FBI), Science and Technology Branch
	Wednesday 1:30 PM Ballroom A		Thursday 8:30 AM Ballroom A

<b>Preliminary Schedules</b>			
<b>Registration Hours</b>	<b>Conference Sessions Schedule</b>	<b>2011 Biometric Technology Expo</b>	<b>All-Attendee Boardwalk Bash in Ballrooms C &amp; D</b>
Mon Sept 26 1:00pm – 6:00pm Tues Sept 27 7:30am – 6:30pm Weds Sept 28 7:30am – 5:00pm Thurs Sept 29 7:30am – 12:00pm	Tues Sept 27 8:20am – 5:00pm Weds Sept 28 8:30am – 5:00pm Thurs Sept 29 8:30am – 12:00pm	Tues Sept 27 12:00pm – 5:00pm Weds Sept 28 10:00am – 4:00pm Thurs Sept 29 8:30am – 12:00pm	Tues Sept 27 6:30pm – 8:30pm

## Workshop Descriptions Follow the Main Session Program Below

### Main Sessions

Tuesday 27 September				
7:30	Continental Breakfast (Rooms 13 – 16 Foyer)			
8:20	<p style="text-align: center;"><a href="#">Welcome</a>  <b>Ms. Becky Nolan</b>                      Executive Vice President, AFCEA</p> <p style="text-align: center;"><b>Kickoff Session</b>  <b>Mr. Jeffrey Dunn, Co-Chair, Biometric Consortium</b>                      Laboratory for Physical Science, National Security Agency/Research Directorate  <b>Mr. Fernando Podio, Co-Chair, Biometric Consortium</b>                      Computer Security Division, Information Technology Laboratory                      National Institute of Standards and Technology</p> <p style="text-align: center;"><b>Special Welcome</b>  <b>The Honorable Bob Buckhorn</b>                      Mayor, City of Tampa, Florida</p> <p style="text-align: center;"><b>Special Presentation:</b>  <a href="#">Biometrics Since 9/11 Looking Back and Moving Forward</a></p> <p style="text-align: center;"><a href="#">BIOMETRICS A DECADE of PROGRESS since 9/11 (Video)</a>  <b>Mr. Duane M. Blackburn</b>                      Assistant Director, Identity Management and Homeland Security                      Office of Science and Technology Policy                      Executive Office of the President  <b>Ballroom A</b></p>			
	<p style="text-align: center;"><b><u>Session Focus</u></b>  <b><u>DoD / NIST / DHS / DOJ</u></b>  <b><u>Session 1 - Ballroom A</u></b></p>	<p style="text-align: center;"><b><u>Session Focus</u></b>  <b><u>BldS / DNA / Face / DOT</u></b>  <b><u>Session 2 - Rooms 15/16</u></b></p>	<p style="text-align: center;"><b><u>Session Focus –</u></b>  <b><u>Standards / International / Iris</u></b>  <b><u>IDM / BAAS / Technology</u></b>  <b><u>Session 3 - Rooms 13/14</u></b></p>	
9:00	<p style="text-align: center;"><b>Department of Defense (DoD) Session</b></p> <p style="text-align: center;">Moderator:  <b>Mr. John Boyd</b>                      Director, Defense Biometrics &amp; Forensics, Assistant Secretary of Defense, Research and Engineering</p> <p style="text-align: center;">9:00 – 9:30  <a href="#">Looking Back and Moving Forward... DoD Biometrics</a>  <b>Mr. John Boyd</b>                      Director, Defense Biometrics &amp; Forensics, Assistant Secretary of Defense, Research and Engineering</p>	<p style="text-align: center;"><b>IEEE Biometrics, Identity &amp; Security (BldS) Research Showcase</b></p> <p style="text-align: center;">Co-Moderators:  <b>Dr. Stephanie Schuckers</b>                      Associate Professor, Department of Electrical Engineering and Computer Engineering, Clarkson University and Director, Center for Identification Technology Research (CITeR)  <b>Dr. Michael Schuckers</b>                      Associate Professor of Statistics and Director of the Quantitative Resource Center, St. Lawrence University</p>	<p style="text-align: center;"><b>Biometric Standards Session</b></p> <p style="text-align: center;"><a href="#">Biometric Standards Session Overview</a>                      Moderator:  <b>Mr. Fernando Podio</b>                      Co-Chair, Biometric Consortium                      Computer Security Division (CSD)                      NIST/ITL</p> <p style="text-align: center;">9:05 – 9:30  <a href="#">ISO/IEC JTC1/SC37 Technical Reports Guidance for Biometric Enrollment and Traveller Processes for Automated Biometric Border Crossing Systems</a>  <b>Mr. Michael D. Hogan</b>                      Biometric Standards Liason                      Information Technology Laboratory                      Office, NIST/ITL</p>	

<b>Tuesday 27 September</b>			
	<b><u>Session Focus</u> <u>DoD / NIST / DHS / DOJ</u> <u>Session 1 - Ballroom A</u></b>	<b><u>Session Focus</u> <u>BIdS / DNA / Face / DOT</u> <u>Session 2 - Rooms 15/16</u></b>	<b><u>Session Focus –</u> <u>Standards / International / Iris</u> <u>IDM / BAAS / Technology</u> <u>Session 3 - Rooms 13/14</u></b>
<b>9:05</b>	<p><b>Department of Defense (DoD) Session (cont.)</b></p> <p>9:30 – 10:00 (cont.) <b>Future of Defense Biometrics, Forensics, and Identity Intelligence</b></p> <p><b>Mr. Dalton Jones</b> Senior Biometrics, Forensic, and Identity Intelligence Executive Office of the Under Secretary of Defense for Intelligence</p>	<p><b>BIdS Session (cont.)</b></p> <p>9:05 – 9:35 <b>The Gap Between Identity Research and Deployments</b> <b>Dr. Terry Bout</b> Professor of Computer Science University of Colorado at Colorado Springs</p> <p><b>Anthony Iasso</b> InCadence Strategic Solutions</p> <p>9:35 – 10:00 <b>LivDet 2011 – Fingerprint Liveness Detection Competition 2011</b> <b>Mr. David Yambay, CBP</b> Clarkson University</p>	<p><b>Biometric Standards Session (cont.)</b></p> <p>9:30 – 10:00 <b><u>Standards for Biometrics, XML, and Web Services</u></b> <b>Mrs. Cathy Tilton</b> Vice President, Standards &amp; Technology, Daon</p>
<b>10:00</b>	<b>Break (Rooms 13 – 16 Foyer)</b>		
<b>10:30</b>	<p><b>System Integrator Industry Panel</b></p> <p>Moderator: <b>Ms. Barbara Humpton</b> Vice President, Booz Allen Hamilton</p> <p><b><u>Introducing Daon!</u></b> <b>Mrs. Cathy Tilton</b> Vice President, Standards &amp; Technology, Daon</p>	<p><b>BIdS Session (cont.)</b></p> <p>10:40 – 11:10 <b><u>Quality-Based Fusion in Biometrics</u></b> <b>Dr. Arun Ross</b> Robert C. Byrd Associate Professor, West Virginia University and Assistant Director, Center for Identification Technology Research (CITeR)</p>	<p><b>Biometric Standards Session (cont.)</b></p> <p>10:30 – 10:55 <b><u>Multimodal Biometric Data &amp; Standards</u></b> <b>Mr. Patrick Grother</b> Computer Scientist Supervisor, Information Access Division (IAD) NIST/ITL</p> <p><b><u>19795-2 Amendment Multi-modal Performance Evaluation</u></b> <b>Mr. Michael Thieme</b> Director of Special Projects International Biometric Group</p>

<b>Tuesday 27 September</b>			
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<b>10:55</b>	<p style="text-align: center;"><b>System Integrator Industry Panel (cont.)</b></p> <p style="text-align: center;"><b>Accenture Projects and Future Focus</b> Mr. Tom Greiner, Executive Director, Accenture</p> <p style="text-align: center;"><b>Biometrics &amp; Identity Management</b> <b>Mr. John Mears</b> Director of Biometrics and Identity Management Solutions Lockheed Martin IS &amp; GS – Civil</p> <p style="text-align: center;"><b>Identity Dominance from War Fighter to Borders and Law Enforcement Biometric Systems Adoption</b> <b>Mr. Kenneth Lehman</b> Director, Northrop Grumman Identity &amp; Business Solutions</p>	<p style="text-align: center;"><b>BIdS Session (cont.)</b></p> <p style="text-align: center;">10:40 – 11:10 (cont.) <a href="#"><u>Quality-Based Fusion in Biometrics</u></a> <b>Dr. Arun Ross</b> Associate Professor, West Virginia University and Assistant Director CITEr</p> <p style="text-align: center;">11:10 – 11:35 <b>Standoff Ocular Recognition</b> <b>Dr. Saad Bedros</b> Principal Research Scientist, Honeywell International</p> <p style="text-align: center;">11:35 – 12:00 <b>Unconstrained Biometric Face and Iris Identification</b> <b>Dr. Marios Savvides</b> Associate Research Professor, Carnegie Mellon University</p>	<p style="text-align: center;"><b>Biometric Standards Session (cont.)</b></p> <p style="text-align: center;">10:55 – 11:20 <b>DoD and IC Biometrics Standards Adoption</b> Co-Presenters: <b>Mr. Thomas D’Agostino</b> Standards Branch Chief, Biometrics Identity Management Agency (BIMA) <b>Mr. Ryan Triplett</b> Biometric Systems Engineer, SME, BIMA <b>Mr. Frank Davis</b> Information Assurance Division, DoD</p> <p style="text-align: center;">11:20 – 11:40 <a href="#"><u>NIST/ITL CSD’s Roadmap on Conformance Test Architectures and Test Suites, Developments in Support of ANSI/NIST-ITL and ISO/IEC Standards</u></a> Co-Presenters: <b>Mr. Fernando Podio</b> Co-Chair, Biometric Consortium, Computer Security Division (CSD), NIST/ITL <b>Mr. Dylan Yaga</b> Software Engineer, Computer Security Division (CSD), NIST/ITL</p> <p style="text-align: center;">11:40 – 12:00 <a href="#"><u>ISO/IEC Working Draft 29197: Evaluation Methodology for Environmental Influence in Biometric System Performance</u></a> <b>Ms. Belen Fernandez-Saavedra</b> Head of Security Evaluation Unit, IDTestingLab, Carlos III University of Madrid, Spain</p>
<b>12:00</b>	<b>Lunch (West Exhibit Hall)</b>		

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1:25	<p align="center"><b>Presentation of STEM Scholarship Award</b>  Recipient:  <b>Ms. Kristen Mercume</b>  Math Department, Tyrone Middle School  St. Petersburg, Florida</p> <p align="center"><b>Keynote Speaker – Mr. Konrad J. Trautman</b>  U.S. Special Operations Command's (USSOCOM) Director of Intelligence, J2  <b>Ballroom A</b></p>		
2:00	<p align="center"><b>DoD Session (cont.)</b></p> <p><b>Tip of the Spear: Biometrics in Operational Environments</b></p> <p align="center">Moderator:  <b>Mr. John Boyd</b>  Director, Defense Biometrics &amp; Forensics, Assistant Secretary of Defense, Research and Engineering</p> <p align="center">Panelists:  <b>USSOCOM</b>  <b>Mr. Craig Archer</b>  Identity Superiority Manager, USSOCOM</p> <p align="center"><b>LAST TACTICAL MILE</b>  <b>LTC Dan McNamara</b>  J3-JSO Chief, Technology Branch  USCENTCOM</p> <p align="center"><b>Biometrics Current and Future</b>  <b>Ms. Toni Gosinski</b>  Biometrics Program Lead  EUCOM</p> <p align="center"><b>USNORTHCOM Biometrics</b>  <b>MAJ Larry Vines</b>  NORTHCOM</p> <p align="center"><b>US Africa Command</b>  <b>Mr. Joshua Piela</b>  Biometrics Program Manager  AFRICOM</p>	<p align="center"><b>BldS Session (cont.)</b></p> <p align="center">2:00 – 2:20  <a href="#"><u>Predicting Ethnicity and Gender from Iris Texture</u></a>  <b>Dr. Kevin Bowyer</b>  Professor, University of Notre Dame</p> <p align="center">2:20 – 2:40  <a href="#"><u>A Proposed Method for Scaling of Identification False Match Rates Using Extreme Value Theory</u></a>  <b>Dr. Michael Schuckers</b>  Associate Professor of Statistics and Director of the Quantitative Resource Center, St. Lawrence University</p> <p align="center">2:40 – 3:00  <a href="#"><u>Intending to Err: The Ethics of Probability</u></a>  <b>MAJ Mark S. Swiatek, USAF</b>  Assistant Professor and Deputy Head, Department of Philosophy  United States Air Force Academy</p>	<p align="center"><b>International Session</b></p> <p align="center">Co-moderators:  <b>Dr. Raul Sanchez-Reillo</b>  Associate Professor, Manager of the University Group for Identification Technologies, Carlos III University of Madrid, Spain</p> <p align="center"><b>Dr. Young-Bin Kwon</b>  Professor, Chung-Ang University, South Korea</p> <p align="center">2:00 – 2:05  Opening Remarks  <b>Dr. Young-Bin Kwon</b>  Professor, Chung-Ang University, South Korea</p> <p align="center">2:05 – 2:25  <b>International Border Control and Biometrics-- What's Happening, What's New, and How Does it Differ from the U.S</b>  <b>Mrs. Abby Mackness</b>  Senior Federal Programs Director, MorphoTrak, Inc.</p> <p align="center">2:25 – 2:45  <a href="#"><u>Voice Biometrics for Law Enforcement</u></a>  <b>Mr. Alexey Khitrov</b>  President, SpeechPro</p>



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<b>2:45</b>	<b>USSOUTHCOM Biometrics Program</b> <b>Ms. Karla Quintana</b> Chief Ops Support Element, J2X SOUTHCOM	<b>BldS Session (cont.)</b>  2:40 – 3:00 (cont.) <b><u>Intending to Err: The Ethics of Probability</u></b> <b>MAJ Mark S. Swiatek, USAF</b> Assistant Professor and Deputy Head, Department of Philosophy United States Air Force Academy	<b>International Session</b>  2:45 – 3:00 <b><u>Security Evaluation of Biometric Systems in the Context of Common Criteria</u></b> <b>Ms. Belen Fernandez-Saavedra</b> Head of Security Evaluation Unit, IDTestingLab, Carlos III University of Madrid, Spain
<b>3:00</b>	<b>Break (West Exhibit Hall)</b>		
<b>3:40</b>	<b>DoD Session (cont.)</b>  <b>Enterprise Support to the Warfighter</b>  Panelists: <b>DoD Biometrics Presentation</b> <b>COL Douglas Flohr</b> Deputy Director of Operations Biometrics Identity Management Agency (BIMA)  <b><u>BIMA Quality Control/Accuracy Observations</u></b> <b>Ms. Cheley Gabriel</b> Enterprise Operations Division Chief  <b>The Current State of Army Biometrics Acquisition</b> <b>Dr, Aleksandar Lazarevich, PM</b> DoD Biometrics <b>Mr. Clarence Hamilton, Acting</b> Project Manager DoD/US Army Program Executive Office	<b>BldS Session (cont.)</b>  3:40 – 4:20 <b>NSF Workshop on Fundamental Research Challenges for Trustworthy Biometrics: Panel Summary Slides</b> <b>Dr. Stephanie Schuckers</b> Associate Professor, Department of Electrical Engineering and Computer Engineering, Clarkson University and Director, Center for Identification Technology Research (CITeR)  4:20 – 4:40 <b><u>DNA as a Biometric</u></b> <b>Dr. Peter Vallone</b> Research Chemist, Biochemical Science Division (BSD), NIST/MML  4:40 – 5:00 <b>DNA as the Ultimate Biometric: Advances and Opportunities in DNA Analysis for Human Identification</b> <b>Dr. Joan Bienvenue</b> Program Manager and Chief Scientist, Lockheed Martin	<b>International Session (cont.)</b>  3:40 – 4:00 <b><u>The State of Biometrics in Australia and New Zealand Including Vulnerability Research</u></b> Co-Presenters: <b>Ms. Isabelle Moeller</b> General Manager, Biometrics Institute <b>Mr. Ted Dunstone</b> CEO, Biometrix  4:00 – 4:20 <b>Biometric Business Innovation in Latin America</b> <b>Mr. Gustavo Suhit</b> CEO, Biometrika S.A.  4:20 – 4:40 <b><u>Japan Border Control System (J-BIS) Update</u></b> <b>Mr. Raffie Beroukhim</b> Vice President of Sales, NEC Corporation of America  4:40 – 5:00 <b>Closing Remarks/Q&amp;A</b> <b>Dr. Young-Bin Kwon</b> Professor, Chung-Ang University, South Korea
<b>5:00</b>	<b>Adjourn</b>		
<b>6:30</b>	<b>All Attendees Reception (Ballrooms C&amp;D) – until 8:30 PM</b>		

Wednesday 28 September			
7:30	Continental Breakfast (Rooms 13 – 16 Foyer)		
8:30	<p align="center"><b>Keynote Speaker – Mr. John Mears</b>  Director of Biometrics and Identity Management Solutions,  Lockheed Martin IS &amp; GS – Civil  <b>Ballroom A</b></p>		
	<u>Session Focus</u> <b>DoD / NIST / DHS / DOJ</b> <b>Session 1 - Ballroom A</b>	<u>Session Focus</u> <b>BIdS / DNA / Face / DOT</b> <b>Session 2 - Rooms 15/16</b>	<u>Session Focus –</u> <b>Standards / International / Iris</b> <b>IDM / BAAS / Technology</b> <b>Session 3 - Rooms 13/14</b>
9:00	<p><b>National Institute of Standards and Technology (NIST) Session</b></p> <p align="center">Moderator:  <b>Mr. Michael D. Garris</b>  Image Group Leader, Information Access Division (IAD), (NIST/ITL)</p> <p><a href="#">National Institute of Standards and Technology (NIST) Session</a>  <b>Mr. Michael D. Garris</b>  Image Group Leader, Information Access Division (IAD), (NIST/ITL)</p> <p align="center">9:00 – 9:15  <a href="#">IREX III Performance of 1:N Iris Recognition Algorithms</a>  <b>Mr. Patrick Grother</b>  Computer Scientist Supervisor  Information Access Division (IAD)  NIST/ITL</p> <p align="center">9:15 – 9:30  <b>IREX II IQCE Performance evaluation of iris quality measures</b>  <b>Ms. Elham Tabassi</b>  Electronics Engineer, Information Access Division (IAD), NIST/ITL</p> <p align="center">9:30 – 9:45  <b>Face Quality and Analysis Challenge</b>  <b>Dr. P. Jonathan Phillips</b>  Electronics Engineer, Information Access Division (IAD), NIST/ITL</p> <p align="center">9:45 – 10:00  <a href="#">Developments in Latent Fingerprint Technologies</a>  <b>Mr. Vladimir Dvornychenko</b>  Computer Scientist, Information Access Division (IAD), NIST/ITL</p>	<p align="center"><b>Special Rapid DNA Session</b></p> <p align="center">Moderator:  <b>Dr. Thomas Callaghan</b>  Senior Biometric Scientist  Biometric Analysis Section  FBI Laboratory</p> <p align="center">9:05 – 9:25  <b>An Update on the Rapid DNA Analysis Project</b>  <b>Dr. Joan Bienvenue</b>  Program Manager and Chief Scientist, Lockheed Martin</p> <p align="center">9:25 – 9:40  <b>Mr. Christopher Miles</b>  Biometrics Program Manager, DHS</p> <p align="center">9:40 – 10:00  <b>The Field-deployable Accelerated Nuclear DNA Equipment (ANDE) Program</b>  <b>Dr. Richard Seldon</b>  Executive Chairman,  Network Biosystems</p>	<p align="center"><b>Iris Technology Session</b></p> <p align="center">Moderator:  <b>Dr. James R. Matey</b>  Research Professor, USNA</p> <p align="center">9:00 – 9:05  <b>Opening Remarks</b>  <b>Dr. James R. Matey</b>  Research Professor, USNA</p> <p align="center">9:05 – 9:30  <a href="#">Exploring Nonlinear Dynamics of Iris Deformation</a>  Co-Presenters:  <b>Dr. Antwan Clark</b>  Research Scientist,  National Security Agency/Laboratory for Physical Sciences  <b>Dr. Arun Ross</b>  Robert C. Byrd Associate Professor,  West Virginia University and  Assistant Director, Center for  Identification Technology  Research (CITeR)</p> <p align="center">9:30 – 9:55  <b>Effect of Ocular Disease and Treatment on Iris Imaging</b>  <b>Dr. Edward Watters</b>  Doctor of Ophthalmology</p>
10:00	Break (West Exhibit Hall)		

**Wednesday 28 September**

	<b><u>Session Focus</u> DoD / NIST / DHS / DOJ Session 1 - Ballroom A</b>	<b><u>Session Focus</u> BIdS / DNA / Face / DOT Session 2 - Rooms 15/16</b>	<b><u>Session Focus –</u> Standards / International / Iris IDM / BAAS / Technology Session 3 - Rooms 13/14</b>
<b>10:40</b>	<p align="center"><b>NIST Session (cont.)</b></p> <p align="center">10:40 – 10:55 <a href="#"><u>ANSI/NIST Standard Update</u></a> <b>Mr. Bradford Wing</b> IT Specialist, Information Access Division (IAD), NIST/ITL</p> <p align="center">10:55 – 11:05 <a href="#"><u>Progress Towards a Voice Standard</u></a> <b>Mr. Mark Przybocki</b> Acting Group Leader, Multimodal Information Group, Information Access Division (IAD), NIST/ITL</p> <p align="center">11:05 – 11:20 <a href="#"><u>The Fingerprint Image Compression Study</u></a> <b>Mr. Shahram Orandi</b> Supervisory Computer Scientist, Information Access Division (IAD), NIST/ITL</p> <p align="center">11:20 – 11:35 <a href="#"><u>Touch Interfaces for Mobile-ID and Latent Fingerprint</u></a> <b>Ms. Mary Theofanos</b> Computer Scientist, Information Access Division (IAD), NIST/ITL</p> <p align="center">11:35 – 11:45 <a href="#"><u>Security and Privacy Challenges of Biometric Authentication for Online Transactions</u></a> <b>Dr. Elaine Newton</b> Senior Advisor for Identity Technologies, Computer Security Division (CSD), NIST/ITL</p> <p align="center">11:45 – 12:00 <a href="#"><u>Biometric Systems &amp; Interoperability</u></a> <b>Mr. Kevin Mangold</b> Computer Scientist, Information Access Division (IAD), NIST/ITL</p>	<p align="center"><b>Special Rapid DNA Session (cont.)</b></p> <p align="center">10:40 – 10:55</p> <p align="center"><b>Extramural DNA Projects Update USACIL DNA Mixture Study Futuristic DNA Concepts Dr. Jeff Salyards</b> Chief Scientist, US Army Criminal Investigation Laboratory</p> <p align="center">10:55 – 11:15 <b>Update on faSTR® Platform Technology</b> <b>Dr. Frederic Zenhausern</b> Professor, Basic Medical Sciences, Center for Applied Nanobioscience and Medicine, College of Medicine Phoenix, University of Arizona</p> <p align="center">11:15 – 11:25 <a href="#"><u>Testing of Rapid DNA Systems</u></a> <b>Dr. Peter Vallone</b> Research Chemist, Biochemical Science Division (BSD), NIST/MML</p> <p align="center">11:25 – 11:55 <a href="#"><u>RapidHIT™ 200 Rapid Human Identification</u></a> <b>Dr. Steven Jovanovich</b> President &amp; CEO, IntegenX, Inc.</p> <p align="center">11:55 – 12:00 <b>Rapid DNA Analysis in the Police Booking Suite</b> <b>Dr. Thomas Callaghan</b> Senior Biometric Scientist, Biometric Analysis Section, FBI Laboratory</p>	<p align="center"><b>Iris Technology Session (cont.)</b></p> <p align="center">10:40 – 11:05 <a href="#"><u>Spatial Resolution as an Iris Quality Metric</u></a> <b>Dr. David Ackerman</b> Senior Principal Research Scientist, SRI International-Sarnoff</p> <p align="center">11:05 – 11:30 <b>Wavelength Dependent Albedo Characteristics of the Human Iris</b> <b>Dr. Daniel Potter</b> Principal Scientist Scitor Corporation</p> <p align="center">11:30 – 11:55 <b>Augmenting Iris Recognition with Periocular Features</b> <b>Dr. Mark Burge</b> Senior Principal Scientist MITRE Corporation</p> <p align="center">11:55 – 12:00 <b>Closing Remarks</b> <b>Dr. James R. Matey</b> Research Professor, USNA</p>
<b>12:00</b>	<b>Lunch (West Exhibit Hall)</b>		



	<u>Session Focus</u> <u>DoD / NIST / DHS / DOJ</u> <u>Session 1 - Ballroom A</u>	<u>Session Focus</u> <u>BIdS / DNA / Face / DOT</u> <u>Session 2 - Rooms 15/16</u>	<u>Session Focus –</u> <u>Standards / International / Iris</u> <u>IDM / BAAS / Technology</u> <u>Session 3 - Rooms 13/14</u>
1:30	<p><b>The Biometrics Factor: How One Technology Transformed the Homeland Security Enterprise and Revolutionized Immigration Management and Border Security Worldwide in the Post-9-11 Era</b>  <b>Keynote Speaker – Mr. Robert Mocny</b>            Director,            Department of Homeland Security (DHS), US-VISIT  <b>Ballroom A</b></p>		
2:00	<p><b>Department of Homeland Security (DHS) Session</b></p> <p>Moderator:  <b>Ms. Patricia Wolfhope</b>            Biometrics Transition Program Manager, DHS Science and Technology</p> <p>2:00 – 2:10  <b>Biometrics in Support of Homeland Security – A Decade After 9-11</b>  <b>Mr. Chris Turner</b>            Director, Human Factors/ Behavior Sciences Division            DHS Science and Technology</p> <p>2:10 – 2:20  <b>DHS S&amp;T Research Moving Forward</b>  <b>Mr. Chris Miles</b>            S&amp;T Biometrics Program Manager            DHS Science and Technology</p> <p>2:20 – 2:30  <b>Update on Q-FIRE Dataset and Research from the Center of Identification Technology Research</b>  <b>Dr. Stephanie Schuckers</b>            Associate Professor, Department of Electrical and Computer Engineering, Clarkson University and Director, Center for Identification Technology Research (CITER)</p> <p>2:30 – 2:45  <b>SBIR FY11.1 Mitigation of Contact Lens, Eye Surgery, Pupil Dilation, and other Challenges on Iris Recognition</b>  <b>Mr. Arun Vemury</b>            S&amp;T Biometrics Program Manager,            DHS Science and Technology</p>	<p><b>Face Technology Session</b></p> <p>Moderator:  <b>Dr. Richard Vorder Bruegge</b>            Senior Photographic Technologist,            Federal Bureau of Investigation (FBI) Science and Technology Branch</p> <p>2:00 – 2:30  <b>Face Recognition Demographics</b>  <b>Dr. Mark Burge</b>            Scientist, MITRE Corporation</p> <p>2:30 – 3:00  <b>NGI Initiatives</b>  <b>Mr. Nick Megna</b>            Services Evaluation and Analysis Unit Chief, FBI CJIS Division,            NGI Program</p>	<p><b>Identity Management in Cyberspace</b></p> <p>Moderator:  <b>Mr. Brad McGoran, P.E., CSCIP</b>            Principal Engineer and Identity Management Lead, Exponent Inc.</p> <p>2:05 – 2:20  <b>The Challenges of IdM in Social Media and Networking</b>  <b>Mr. Paul Temple,</b>            President/CEO, Advanced Onion</p> <p>2:20 – 2:35  <b>Mitigating Identity Threats</b>  <b>Mr. Christian Grijalva,</b>            Chief Technology Officer,            Defense Manpower Data Center</p> <p>2:35 – 2:50  <b>Identity, Credential, and Access Management</b>  <b>Ms. Deb Gallagher,</b>            Acting Director            Identity Management Division            General Services Administration (GSA)</p> <p>2:50 – 3:30  <b>Questions &amp; Answers/ Closing Remarks</b>  <b>Mr. Brad McGoran, P.E., CSCIP</b>            Principal Engineer and Identity Management Lead,, Exponent, Inc.</p>

	<b>Session Focus DoD / NIST / DHS / DOJ Session 1 - Ballroom A</b>	<b>Session Focus BldS / DNA / Face / DOT Session 2 - Rooms 15/16</b>	<b>Session Focus – Standards / International / Iris IDM / BAAS / Technology Session 3 - Rooms 13/14</b>
<b>2:45</b>	<p><b>Department of Homeland Security (DHS) Session (cont.)</b></p> <p>2:45 – 3:00 <b><u>IDENT Multimodal Limited Production Pilot</u></b> <b>Mr. Will Graves</b> Chief Biometrics Engineer, DHS, US-VISIT</p>	<p><b>Face Technology Session (cont.)</b></p> <p>2:30 – 3:00 <b>NGI Initiatives</b> <b>Mr. Nick Megna</b> Services Evaluation and Analysis Unit Chief, FBI CJIS Division, NGI Program</p>	<p><b>Identity Management in Cyberspace (cont.)</b></p>
<b>3:00</b>	<b>Break (West Exhibit Hall)</b>		
<b>3:40</b>	<p><b>DHS Session (cont.)</b></p> <p>3:40 – 4:00 <b>DHS Operational Iris Evaluations</b> <b>Mr. Arun Vemury</b> S&amp;T Biometrics Program Manager, DHS</p> <p><b><u>Iris-Face Technology Demonstration Evaluation</u></b> <b>Mr. Will Graves</b> Chief Biometrics Engineer, US-VISIT</p> <p><b>Mr. Patrick Grother</b> Computer Scientist Supervisor Information Access Division (IAD) NIST/ITL</p> <p>4:00 – 4:20 <b><u>Rapid-ID Roadside</u></b> <b>Lieutenant Douglas W. Dodson</b> Florida Highway Patrol, Information Technology Section <b>Ms. Robin Sparkman</b> CJIS FALCON Liaison, Florida Department of Law Enforcement</p> <p>4:20 – 4:40 <b>U.S. Customs and Border Protection</b> <b>Mr. Antonio Trindade</b> Associate Chief, US Border Patrol <b>Mr. Mitchell Harmell</b> Assistant Chief, US Border Patrol</p> <p>4:40 – 5:00 <b>U. S. Coast Guard Biometrics at Sea</b> <b>Lieutenant Mike Ross</b> Commanding Officer, USCGC Cutter CUSHING</p>	<p><b>Face Technology Session (cont.)</b></p> <p>3:40 – 4:00 <b>Freeform User Analysis and Visualization of Faces for Biometric Identification</b> <b>Dr. Jonathan Dinerstein</b> Senior Research Scientist, Blue Coat Systems</p> <p>4:00 – 4:20 <b><u>Advances in Ear Biometrics</u></b> <b>Dr. Arun Ross</b> Associate Professor, West Virginia University and Assistant Director CITeR</p> <p>4:20 – 4:40 <b><u>Periocular Recognition: Human Experiments and Discriminating Features</u></b> <b>Dr. Pat Flynn</b> Professor of Computer Science and Engineering, University of Notre Dame</p> <p>4:40 – 5:00 <b>ReproFace: A New Tool to Assist in Facial Identification</b> <b>Dr. Richard Vorder Bruegge</b> Senior Photographic Technologist, FBI Science and Technology Branch</p> <p><b><u>FBI Facial Comparison and Identification Training</u></b> <b>Dr. Richard Vorder Bruegge</b> Senior Photographic Technologist, FBI Science and Technology Branch</p>	<p><b>Biometrics as a Service (BAAS) Session</b></p> <p>Moderator: <b>Mrs. Cathy Tilton</b> Vice President, Standards and Technology, Daon</p> <p>3:30 – 4:00 <b><u>What is BaaS and who is doing it?</u></b> <b>Mrs. Cathy Tilton</b> Vice President, Standards and Technology, Daon</p> <p>4:00 – 4:20 <b>The National Strategy for Trusted Identities in Cyberspace (NSTIC) &amp; Identity as a Service</b> <b>Dr. Ross J. Micheals</b> Acting Deputy NSTIC</p> <p>4:20 – 4:40 <b>Biometric Credentialing as a Service -- FiXs</b> <b>Mr. Daniel E. Turissini</b> President/CEO, Operational Research Consultants</p> <p>4:40 – 5:00 <b>Aviation Vetting as a Service: Airports and Government Working Together</b> <b>Mr. Carter Morris</b> Senior Vice President, Transportation Security Policy, American Association of Airport Executives</p>

	<p align="center"><a href="#">Coast Guard Biometrics-at-Sea</a> <b>Dr. Thomas Amerson</b> Biometrics Program Manager, USCG Research and Development Center</p>		
5:00	<b>Adjourn</b>		
<b>Thursday 29 September</b>			
7:30	<b>Continental Breakfast (Rooms 13 – 16 Foyer)</b>		
8:30	<p align="center"><a href="#">Identity Resolved through Biometrics is Game Changing</a> <b>Keynote Speaker – Mr. Ernest Reith</b> Associate Executive Assistant Director, Federal Bureau of Investigation (FBI), Science and Technology Branch <b>Ballroom A</b></p>		
	<p align="center"><b><u>Session Focus</u></b> <b><u>DoD / NIST / DHS / DOJ</u></b> <b><u>Session 1 - Ballroom A</u></b></p>	<p align="center"><b><u>Session Focus</u></b> <b><u>BIdS / DNA / Face / DOT</u></b> <b><u>Session 2 - Rooms 15/16</u></b></p>	<p align="center"><b><u>Session Focus –</u></b> <b><u>Standards / International / Iris</u></b> <b><u>IDM / BAAS / Technology</u></b> <b><u>Session 3 - Rooms 13/14</u></b></p>
9:00	<p align="center"><b>Department of Justice (DOJ) Session</b></p> <p align="center">Moderator: <b>Mr. James Loudermilk</b> Senior Level Technologist, Federal Bureau of Investigation (FBI) Science and Technology Branch</p> <p align="center">9:00 – 9:05 <b>Opening Remarks</b> <b>Mr. James Loudermilk</b> Senior Level Technologist, (FBI) Science and Technology Branch</p> <p align="center">9:05 – 9:35 <b>Biometrics R&amp;D for Criminal Justice Applications</b> <b>Dr. Mark Greene</b> Biometrics Program Manager, National Institute of Justice/Office of Science and Technology</p> <p align="center">9:35 – 10:00 <b>FBI Biometric Center of Excellence; Putting Reliable and Accurate Biometrics Tools in the Hands of Our Stakeholders</b> <b>Mr. William Casey</b> Biometric Center of Excellence Program Manager, Federal Bureau of Investigation/Criminal Justice Information Services Division (FBI/CJISD)</p>	<p align="center"><b>Face Recognition in Social Media</b></p> <p align="center">Moderator: <b>Mr. Michael Thieme</b> Director of Special Projects, International Biometric Group (IBG)</p> <p align="center"><b>Social Media and Biometrics</b> <b>Mr. David Yambay, CBP</b> Clarkson University <b>Dr. Stephanie Schuckers</b> Associate Professor, Department of Electrical Engineering and Computer Engineering, Clarkson University and Director, Center for Identification Technology Research (CITeR)</p> <p align="center"><b>Face Processing in Social Networking Services</b> <b>Ms. Jessica Chung</b> Senior Developer International Biometric Group (IBG)</p>	<p align="center"><b>The Future of Biometric Technology Session</b></p> <p align="center">Moderator: <b>Mr. Samir Nanavati</b> Partner, International Biometrics Group (IBG)</p> <p align="center"><b>Opening Remarks</b> <b>Mr. Samir Nanavati</b> Partner, International Biometrics Group (IBG)</p> <p align="center"><b>A Perspective on Future Biometrics</b> <b>Dr. Jean-Christophe Fondeur</b> Morpho</p> <p align="center"><b>The face recognition company</b> <b>Dr. Juergen Pampus</b> Vice President of Sales and Marketing, Cognitec</p> <p align="center"><a href="#">Smart Mobile Identity™</a> <b>Mr. Joseph Pritikin</b> Director of Product Marketing AOptix</p>
10:00	<b>Break (West Exhibit Hall)</b>		

**Thursday 29 September**

	<u>Session Focus</u> <u>DoD / NIST / DHS / DOJ</u> <u>Session 1 - Ballroom A</u>	<u>Session Focus</u> <u>BIdS / DNA / Face / DOT</u> <u>Session 2 - Rooms 15/16</u>	<u>Session Focus –</u> <u>Standards / International / Iris</u> <u>IDM / BAAS / Technology</u> <u>Session 3 - Rooms 13/14</u>
<b>10:40</b>	<p align="center"><b>DOJ Session (cont.)</b></p> <p align="center">10:40 – 11:05  <b>Next Generation Identification</b>  <b>Bigger – Better - Faster</b>  <b>Mr. Jon Kevin Reid</b>                      Acting Program Management Executive, Next Generation Identification Program Office, Federal Bureau of Investigation/Criminal Justice Information Services Division (FBI/CJISD)</p> <p align="center">11:05 – 11:30  <a href="#"><u>FBI Facial Services Program</u></a>  <b>Mrs. Kimberley Del Greco</b>                      Biometric Services Section Chief, Federal Bureau of Investigation/Criminal Justice Information Services Division (FBI/CJISD)</p> <p align="center">11:30 – 11:55  <a href="#"><u>Biometrics in State and Local Law Enforcement</u></a>  <b>Mr. Michael Lesko</b>                      Deputy Assistant Director, Texas Department of Public Safety</p> <p align="center">11:55 – 12:00  <b>Closing Remarks</b>  <b>Mr. James Loudermilk</b>                      Senior Level Technologist, (FBI) Science and Technology Branch</p>	<p align="center"><b>Department of Transportation (DOT) Session</b></p> <p align="center">Moderator:  <b>Mr. William Baron</b>                      Program Manager, US DOT Volpe Center</p> <p align="center">10:40 – 10:45  <b>Opening Remarks</b>  <b>Mr. William Baron</b>                      Program Manager, US DOT Volpe Center</p> <p align="center">10:45 – 11:20  <b>The Universal Biometrics Translator</b>  <b>Mr. Paul Warner</b>                      Software Engineer, STS International, Inc.</p> <p align="center">11:20 – 12:00  <b>How Airport Security Checkpoints Ought to Work</b>  <b>Mr. William Baron</b>                      Program Manager, US DOT Volpe Center</p>	<p align="center"><b>The Future of Biometric Technology Session (cont.)</b></p> <p align="center"><a href="#"><u>The 8 biggest trends in recent biometric identity projects around the world</u></a>  <b>Mrs. Cathy Tilton</b>                      Vice President, Standards and Technology, Daon</p> <p align="center"><a href="#"><u>Iris Recognition Systems - Challenges</u></a>  <b>Mr. Timothy Meyerhoff</b>                      Director, US Sales, Iris ID, Inc.</p> <p align="center"><a href="#"><u>A Future in Biometrics</u></a>  <b>Mr. Greg Cannon</b>                      Chief Technology Officer Cross Match</p> <p align="center"><b>Closing Remarks</b>  <b>Mr. Samir Nanavati</b>                      Partner, International Biometrics Group (IBG)</p>
<b>12:00</b>	<p align="center"><a href="#"><u>Thank You</u></a>  <b>Mr. Jeffrey Dunn, Co-Chair, Biometric Consortium</b>                      Technical Director for Biometrics, National Security Agency/Research Directorate  <b>Mr. Fernando Podio, Co-Chair, Biometric Consortium</b>                      Computer Security Division, Information Technology Laboratory, National Institute of Standards and Technology  <b>Ballroom A</b></p>		

## Special Sessions and Workshops

Tuesday 27 September		
10	10:40 – 12:00	<b>Defense Installation Access Control (DIAC)</b> Speaker: <ul style="list-style-type: none"> <li>• <b>Michael Earhart</b>, Project Manager, PSEAG</li> </ul>
10	2:00 – 3:00	<b>The World of “Cyber” Data</b> Moderator: <ul style="list-style-type: none"> <li>• <b>Mr. Ryan Underwood</b>, Associate, Booz Allen Hamilton</li> </ul>
11	3:40 – 5:00	<a href="#"><u><b>The National Biometrics Challenge: The 2011 Update</b></u></a> <ul style="list-style-type: none"> <li>• <b>Mr. James Loudermilk</b>—Senior Level Technologist, Federal Bureau of Investigation (FBI) Science and Technology Branch</li> <li>• <b>Dr. Larry Hornak</b>, National Science Foundation (NSA)</li> </ul>

Wednesday 28 September		
10	2:00 – 3:00	<b>Behavioral Biometrics</b> Moderator: <ul style="list-style-type: none"> <li>• <b>Jaime Fitzgibbon</b>, Associate, Booz Allen Hamilton</li> <li>• <b>Mr. Ryan Underwood</b>, Associate, Booz Allen Hamilton</li> <li>• <b>Dr. Roy Maxion</b>, Carnegie Mellon University</li> <li>• <b>Ms. Leanne Hirshfield</b>, Hamilton College – <b>Biometrics &amp; Human-Computer Interactions</b></li> </ul>
11	3:40 – 4:40	<b>IEEE CBP – <a href="#"><u>Continuing Your Professional Development in Biometrics</u></a></b> Moderator: <ul style="list-style-type: none"> <li>• <b>Richard Ringold</b>, Vice President, Holmes Corporation</li> </ul>
10	3:40 – 5:00	<a href="#"><u><b>Toward Seamless Latent Print Searching: The Latent Interoperability Transmission Specification (LITS)</b></u></a> Moderator: <ul style="list-style-type: none"> <li>• <b>Mr. Peter Komarinski</b>, Principal, Komarinski &amp; Associates, LLC</li> </ul>

Thursday 29 September		
10	9:00 – 10:00	<b>Biometrics in a Cloud Computing Environment Panel</b> Moderator: <ul style="list-style-type: none"> <li>• <b>Abel Sussman</b>, Lead Associate, Booz Allen Hamilton</li> </ul> Panelists: <ul style="list-style-type: none"> <li>• <b>Dr. Kevin W. Bowyer</b>, Schubmehl-Prein Professor and Chair of the Department of Computer Science and Engineering, Notre Dame</li> <li>• <b>Dr. Stephanie Schuckers</b>, Associate Professor, Electrical and Computer Engineering, Clarkson University</li> <li>• <b>Dr. Terry Boulton</b>, Endowed Chair of Innovation and Security and Professor of Computer Science, University of Colorado at Colorado Springs</li> <li>• <b>Dr. Arun Ross</b>, Robert C. Byrd Associate Professor and Assistant Director, Center for Identification Technology Research (CITeR), West Virginia Lane Department of Computer Science and Electrical Engineering</li> <li>• <b>Mr. Salil Prabhakar</b></li> <li>• <b>Mr. Jim Williams</b>, Senior Vice President, Daon Global Professional Services</li> </ul>
10	10:40 – 12:00	<b>Dynamic Analysis of Biometrics with Wargaming</b> Moderators: <ul style="list-style-type: none"> <li>• <b>Judson Walls</b>, Booz Allen Hamilton</li> <li>• <b>Richard Phares</b>, Booz Allen Hamilton</li> </ul>