Winter BIOMETRICS
Summit 2014

Conference & Workshops: March 3-6, 2014 | Miami Marriott Biscayne Bay

BEST PRACTICES AND FUTURE TRENDS ACROSS APPLICATIONS & INDUSTRIES TO ENHANCE SECURITY & PRIVACY

Register by January 10th to save $400

Key highlights include:

+ **Real-world perspectives** from your security and biometrics peers to help you determine the best solution and strategies for your own needs

+ **Engaging and participative learning** bringing together biometric project leaders to share what's working and what's not

+ **Hot topics** in the "identity revolution" will be discussed including: mobile, big data, cloud, smart phone adoption and global privacy concerns

+ **Education, best practices and exchange of ideas** are driven by real world applications, NOT vendors – I.e. No sales pitches!

+ **Organized networking** lunches will focus on common topics for plenty of informal discussion and networking

+ **Pre and Post-Conference workshops** focus on smaller group, attendee-driven discussions around your biggest challenges

FEATURING CASE STUDIES AND PRACTICAL PRESENTATIONS FROM OVER **15 INDUSTRY EXPERTS,** INCLUDING:

END USER

James Loudermilk,
Senior Level Technologist,
Federal Bureau of Investigation

Kristin Duquaine,
Director of Health and Performance,
Florida Hospital

Eric Schulties,
VP and CIO,
The Institute for Transfusion Medicine

Jeffrey Jones,
Director, Mission Assurance, Infrastucture Protection & Security,
U.S. Navy

Arun Ross,
Associate Professor, Dept. of Computer Science and Engineering,
Michigan State University

Deborah Kobza,
CGEIT, JIEM, Executive Director & CEO,
Kennedy Space Center NASA

Rudy Wolter,
Director CSIS North America Security and Investigations
Citigroup Inc.

Jeremy Slavish,
Director of Biometrics and Identification Division,
Michigan State Police

Speaking Organizations Include:

Michigan State Police Department • Kennedy Space Center, NASA • U.S. Navy • Federal Bureau of Investigation • Michigan State University • Fujitsu Frontech North America • Daon • Ecco Access Systems • iPulse Systems • ColorID • Identification Technology Partners • IBG, A Novetta Solutions Company • MorphoTrust USA • Bio-Key International, Inc. • The Institute of Transfusion Medicine • Georgia State University • Miami University • Citigroup Inc. • Georgia Southern University

Supporting Organizations:

IBIA • ACUITY • BIOSEC Consortium • Biometrie-Online.net • BIOMETRIC Sportilium • NORTHSTAR Securities • findBIOMETRICS

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Dear Security & Identity Management Professionals,

As Conference Chairperson, I have had the pleasure of supporting this event for more than a decade. I am pleased to announce my involvement in Advanced Learning Institute's 25th biometric program, running March 3 – 6, 2014 in Miami, and I invite you to join me to hear the latest developments in biometrics.

This event will explore specific areas that have been identified as mission critical to end users, systems integrators, investors and vendors.

Speakers will showcase recent advancements and trends in identity management, share best practices for biometric system integration, and present specially selected case studies examining deployment successes.

Whether you're trying to analyze facial recognition versus fingerprint systems, or understand the differences between iris and vein – this summit is essential in helping decision-makers determine how biometrics can fit into your business needs.

I look forward to meeting you there at the 25th Biometrics Summit as we discuss the latest biometrics projects and industry practices.

Regards,
Samir Nanavati, Partner
IBG, A Novetta Solutions Company
Conference Chairperson

TOP 5 TAKEAWAYS:

1 Understand the key biometric technologies – how they work, costs and benefits, strengths and weaknesses

2 Incorporate biometrics into an integrated solution for identity management

3 Develop a step-by-step process to ensure implementation success

4 Achieve cost savings and increase efficiency and security by implementing biometric applications

5 Ensure best practices for enrollment, interoperability, data privacy, and security

SPONSORSHIP & EXHIBIT OPPORTUNITIES ARE AVAILABLE:

This conference provides an excellent opportunity to market your products and services to a targeted executive audience interested in biometrics. Space is limited, so please call Erin at (773) 695-9400 x216, for more information to reserve your spot.

> Really good mix of topics and speakers
> **L. Cardillo,** *Director*
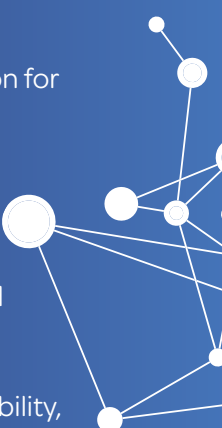> **NORTHWEST FEDERAL CREDIT UNION**

Summit Highlights:

Attend the longest running, world-renowned forum for advanced identification solutions including **Fingerprint Technology, Iris Recognition, Facial Recognition, Vein Recognition, and Voice Recognition** from a variety of industry leaders including; *Healthcare, Law Enforcement, Education, Government, & Financial.*

Attending this conference will help you:

- **Make the business case** for biometrics and get buy-in
- **Collect biometrics** in different environments and under challenging situations
- **Choose the right type of biometric system for your needs,** understand different forms of biometric systems and their advantages/disadvantages
- **Evaluate, plan, develop and deploy** the right biometric solution for your organization
- **Gain information** on the latest biometric standards to ensure interoperability and interchangeability
- **Leverage biometrics** on a limited budget
- **Test and evaluate** the performance of a biometric system to ensure system security
- **Apply the latest standards** to your application
- **Discover ways to implement biometrics** while being aware of the ethical and privacy issues and how to enhance trust
- **Implement multimodal biometrics** - such as the fusion of fingerprint, iris recognition and face recognition
- **Overcome common pitfalls** during biometric deployment

ABOUT THE ADVANCED LEARNING INSTITUTE:

The Advanced Learning Institute's mission is to help executives build strong personal relationships, expand their business knowledge of cutting-edge trends, and find proven solutions to a wide range of strategic management problems.

Our forums bring together industry leaders and experts to share valuable, real-world experiences, and best practices on how to meet tomorrow's management challenges.

WHO WILL YOU MEET:

This conference was researched and designed for executives interested in improving and enhancing their security initiatives from the following industries:

- Government
- Security and Safety
- Law Enforcement
- Banking and Financial Services
- Aviation
- Homeland Security
- Healthcare
- Border Control
- Physical Access Control
- Computer Security
- Telecommunications
- Retail and Electronic Commerce
- Education
- Transportation
- Motor Vehicle Departments
- Seaports
- Physical Security

The greatest value will be realized by CISO's, CEO's, CSO's, CFO's, CIO's, Presidents, Vice Presidents, Directors, Supervisors, Managers, Product Managers, Program Managers, Specialists and System Integrators responsible for:

Identity Management -- ID Cards -- Information Technology -- Security Administration -- Operations -- Personnel Management -- Data Processing -- Credit Card/Debit Card -- MIS -- Access Control -- Safety Loss Prevention -- Financial Management -- Plant Operations -- Information Security -- Network Communications Security -- Physical Security & all other End Users, Consultants, Designers & Developers of Biometric Security & Identification Technologies

And all those who are interested in the latest Biometric developments & how it can benefit their organizations.

Conference Supporters:

Acuity Market Intelligence is an emerging technology strategy and research consultancy with a proven record of accurately anticipating Biometric and Electronic Identity (eID) market trends. Clients include seed level start-ups, industry heavyweights and a range or organizations in between. For more information, please visit: **http://www.acuity-mi.com**

BiometricUpdate.com is the leading news property that publishes breaking news, analysis, and research about the $7 billion global biometric market.

Each day, you will find original articles, interviews, videos, and podcasts that focus on global developments in biometric technology, such as: fingerprint identification, earlobe, voice, DNA, iris, and facial recognition, civil and criminal ID, retina scans, hand geometry, point of sales authentication, signature verification, video surveillance and gait recognition.

For more information go to: http://www.biometricupdate.com/

The BioAPI Consortium is a group of over 120 organizations that have a common interest in promoting the growth of the biometrics market through standardization. The Consortium has developed a specification for a standardized Application Programming Interface (API) that is compatible with a wide range of biometric applications programs and a broad spectrum of biometrics technologies.

For more information, go to: www.bioapi.org

Biometrie-online.net
For more information, go to: http://www.biometrie-online.net

Northstar Recruiting has been providing recruiting services for technology companies since 1990 and has focused on Identity Management, Biometrics and Integrated Security since 2000.

For more information, go to: www.northstarcorp.com

The International Biometrics & Identification Association (IBIA) promotes using technology effectively and appropriately to determine personal identity and enhance the security, privacy, productivity, and convenience for individuals, organizations, and governments worldwide.

For more information, please go to: www.ibia.org

findBIOMETRICS.com is the leading Biometrics Industry Resource providing free information on all biometric identification and identity verification systems and solutions.

For more information, go to: http://www.findbiometrics.com/.

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DAY 1: TUESDAY, MARCH 4, 2014

8:00 a.m. **Registration, Continental Breakfast & Exhibits**

8:30 a.m. **Chairperson's Opening: Virtual Identity Analysis Through The VITAL Framework**

Online activities can reveal a substantial amount of personal information -- individuals leave identifying data across dozens, if not hundreds of sites. While it is difficult to gain visibility into every element of an individual's online persona, employers may be liable if employees engage in problematic online activities. This presentation will help to define the challenge, and discuss possible solutions, through the cutting edge v-ID1 database and the VITAL framework.

You'll get a glimpse at the future of the biometrics world from, this top-rated leading industry expert!

Samir Nanavati, *Partner*
IBG, A Novetta Solutions Company

9:15a.m. **Who's Who? Speaker & Attendee Introductions:**

Become acquainted with your fellow conference attendees in this fun and fast-paced forum!

9:35a.m **Emerging Biometrics: Future Directions In Identification Technology**

This session will get your mind turning by delving deeper into the following areas of:

- Human beings, through their normal day to day activities, produce and leave behind a variety of persistent identifying traces including fingerprints, DNA, scent, handwriting, images, sounds and other biometric indicators
- "Strong biometrics", (for example fingerprints and DNA), are sufficient by themselves to positively identify the person who deposited them
- "Weak biometrics", while insufficient for positive identification can be combined and used with other information to identify individuals with high likelihood
- Advancing technology and emerging mission needs new modalities; beyond the traditional fingerprints, DNA, iris, and face images hold significant promise for identification, verification, access control, investigative and intelligence applications
- Future trends of user centric biometrics - for the first time in history consumers are not just adopting and reacting to technology but are driving the development and marketing

James Loudermilk, *Senior Level Technologist*
Federal Bureau of Investigation

GOVERNMENT CASE STUDY

10:05 a.m Idea Exchange: Questions, Feedback, & Collaboration

10:10 a.m. Morning Refreshment, Industry Networking Break & Exhibits

10:30 a.m. **Understanding Biometric System Attacks And Finding Cost-effective Countermeasures**

This session will examine common attack vectors on biometric systems as well as cost-effective countermeasures to minimize risk, including:

- Three most common attack vectors
- The five most vulnerable points of compromise
- Evaluating cost-effective countermeasures

Timothy Ramsey, *CISO, HIPPA Security Officer, Associate VP,* **Miami University**

UNIVERSITY CASE STUDY

11:00 a.m. Idea Exchange: Questions, Feedback, & Collaboration

11:05 a.m. **The New Face (Finger, or Iris) Of Biometric Technology: Security Begets Privacy And Convenience**

People are beginning to recognize the conveniences provided by using a secure and verifiable identity through biometrics to access numerous benefits and services. This session will provide you with an overview of how biometric technology is already being applied in government and commercial environment to improve convenience for customers, including:

- An analysis of recent polling data on consumer's acceptance of biometric technology and how it actually protects privacy
- A look into the future of what opportunities exist for biometric technology implementation and how they will continue to increase public safety and security, protect privacy and offer innumerable conveniences to customers in the future

Client
TBA

James N. Albers, *SVP, Government Operations,* **MorphoTrust USA**

GOVERNMENT CASE STUDY

11:35 a.m. Idea Exchange: Questions, Feedback, & Collaboration

11:40 a.m. **Learn How To Optimize Your Biometric Deployment For Success**

Discover ways and tactics to ensure success with your biometric deployment, including how to:

- Create a detailed and strategic approach
- Prepare for the various implementation stages

Eric G. Schulties, *Vice President & Chief Information Officer*
ITxM | The Institute for Transfusion Medicine

HEALTHCARE CASE STUDY

12:10 p.m. Idea Exchange: Questions, Feedback, & Collaboration

12:15 p.m. Networking Lunch Groups On Your Own

2:15 p.m. **Understanding The Challenges Encountered In Operational Biometric Systems And How You Can Address Them Successfully**

Hear the latest progress made in face and iris recognition. The success of your biometric technology will depend upon the ability of your systems to operate in unconstrained environments where the quality of biometric data cannot be explicitly controlled. In addition to discussing these scenarios, this session will offer methods to enhance your privacy and security of biometric templates stored in a central database, including:

- Challenges encountered by biometric systems in operational environments
- Impact of facial cosmetics on face matchers
- Methods to perform cross-spectral face and iris recognition
- Impact of pupil dilation on iris recognition
- Methods to develop robust face and iris matchers
- Methods to protect biometric templates enhance privacy

Arun Ross, *Associate Professor, Department of Computer Science and Engineering*
Michigan State University

INDUSTRY PERSPECTIVE

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TO ENHANCE SECURITY & PRIVACY

2:45 p.m.   Idea Exchange: Questions, Feedback, & Collaboration

2:50 p.m.   ### Integrating Biometric Technology To Move Lines With Speed And Accuracy

UNIVERSITY CASE STUDY

Biometric identification systems have long been used for high security applications; iris identification, fingerprint, and palm vein systems. This session will discuss how biometric technology can be integrated into a school facility to provide accuracy and speed, including:
- Live demonstrations of the technology being used
- Full scale iris identification system used for meal plans in a university dining hall

Richard Wynn, *Dir. of the Eagle Card Program*
Georgia Southern University

David Stallsmith, *Director of Product Management,*
ColorID

3:20 p.m.   Idea Exchange: Questions, Feedback, & Collaboration

3:25 p.m.   Afternoon Refreshments, Industry Networking & Exhibits

3:45 p.m.   ### Integrating The Use Of Biometrics In The Cloud: Allowing A Person To Exercise Complete Control Of The Storage And Use Of Their Biometric Data

END-USER PANEL DISCUSSION

This session will provide you with a first-hand look into a few end-user applications. You will hear from two different practitioners who are successfully integrating the use of this biometric technology.

Panelists TBA
Eric G. Schulties, *Vice President & Chief Information Officer*
ITxM | The Institute for Transfusion Medicine

Jim Sullivan, *VP, Strategy and Business Development*
Bio-Key International, Inc.

4:45 p.m.   ### End Of Day One Wrap Up

5:00 p.m.   ### Networking Reception: Please Join Us!

We invite you to join us for a drink as you relax with your peers. All conference attendees, speakers and exhibitors are welcome to join us for this special opportunity to continue networking. Don't miss this chance to benchmark new ideas over complimentary drinks!

7:00 p.m.   ### Dine Around

Sign up during the day for dinner with a group. Take advantage of Miami's fine dining while you continue to network with your colleagues.

> I certainly have a better idea of the state of the biometrics industry and the challenges faced. I appreciated hearing from different areas with biometrics needs – healthcare, retail, defense, law enforcement, local, national.

A. Kurt, *Technical Writer*
NATIONAL INTEREST SECURITY COMPANY

DAY 2: WEDNESDAY, MARCH 5, 2014

8:00 a.m.   ### Continental Breakfast & Exhibits

8:30 a.m.   ### Chairperson's Morning Opening

Samir Nanavati, *Partner*
IBG, A Novetta Solutions Company

8:45 a.m.   ### Learn Successful Ways To Combine Multiple Technologies With Biometrics To Achieve The Greatest ROI

FINANCIAL CASE STUDY

Like all companies, Citigroup is consistently challenged to lower costs, while simultaneously obtaining the highest levels of ROI in all endeavors. This session will review the necessary steps needed to successfully combine your current technologies with biometrics, including:
- Methodology to ensure cost savings in your organization
- Ways to ensure you achieve long-term ROI that your organization can recognize

Rudy Wolter, *Director CSIS North America Security and Investigations*
Citigroup Inc.

9:15 a.m.   Idea Exchange: Questions, Feedback, & Collaboration

9:20 a.m.   ### Integrating The Use Of Biometric Technology For Employee And Family Health Screenings To Drive Behavior Change

HEALTHCARE CASE STUDY

Biometric health screenings are offered to all employees and their spouses as a core component of its Healthy 100 Employee program. This discussion will explore the benefits of biometric health for your employees, including:

- Developing an innovative design of biometric screenings to foster high participation rates
- How to use biometric screens to facilitate utilization of healthcare resources and programs
- Creating action plans and goal setting with biometric Data
- Using biometric data to drive program design

Kristin Duquaine, *Director of Health and Performance*
Florida Hospital

9:50 a.m.   Idea Exchange: Questions, Feedback, & Collaboration

9:55 a.m.   Morning Refreshments, Industry Networking & Exhibits

10:15 a.m.   ### How To Successfully Balance Personnel, Policy And Technologies In An Economically Challenged Era

GOVERNMENT CASE STUDY

The ever-changing realm of security access control and technology has challenged budgets and return on investments. This session will provide you with insight on key issues to be taken into account when considering your own large-scale implementation of biometric technologies, including:
- An overview of a number of technological challenges to educate your security professionals on to ensure success
- Understanding your organization's needs and whether or not technology investments are right for you
- How to gain organizational buy-in into technology investments

Jeffrey Jones, Director, *Mission Assurance (Infrastructure Protection and Security)*
U.S. Navy

10:45 a.m. Idea Exchange: Questions, Feedback, & Collaboration

10:50 a.m. **National Health Cybersecurity Resilience Framework - Identify, Protect, Detect, Respond, Recover**

GOVERNMENT CASE STUDY

As risks continue to accelerate, you are entrusted to respond to these challenges by advancing the security protection of the nation's healthcare critical infrastructure. This session will provide you with examples to benefit from:

- Health sector & sector-specific cybersecurity leading practice and governance
- Health Sector and cross-sector cybersecurity intelligence and information sharing
- Alignment of physical and cyber response protocols
- Cybersecurity framework profiles
- Supporting role-based cybersecurity education

Deborah Kobza, *CGEIT, Executive Director/CEO National Health ISAC Global Situational Awareness Center (GSAC), The Space Life Sciences Laboratory,* **NASA/Kennedy Space Center**

11:20 a.m. Idea Exchange: Questions, Feedback, & Collaboration

11:25 a.m. **Integrating Biometric Technology To Improve Visitor Management**

INTERNATIONAL CASE STUDY

An international data center company, was interested in finding a unique solution to their visitor management.This session will provide you with an understanding of how you too can integrate a biometric system that is secure, simple, and customizable, including:

- Concepts of single enrollment
- Concepts of tokens & time for biometrics
- Understanding the new-age principles of using intelligent biometrics with no back-end systems
- A complete overview of visitor management as a stand-alone access control concept
- Understanding self-help consoles with full security controls

Davi Garcia, *CEO* **Ecco Access Systems**
Gary Chalmers, *CEO* **iPulse Systems**

11:55 a.m. Idea Exchange: Questions, Feedback, & Collaboration

12:00 p.m. Networking Lunch Groups On Your Own

2:00 p.m. **Your Opportunity To Compare And Contrast Different Technologies**

INTERNATIONAL CASE STUDY

A variety of Biometric technologies will be showcased and debated in this lively session. Everyone is invited to debate the promise and reality of biometric systems. Get your questions answered in this interactive forum.

Moderator: Samir Nanavati, *Partner* **IBG, A Novetta Solutions Company**
Conference Chairperson
Panelists: *To Be Announced*

2:45 p.m. **Integrating Biometrics In The Consumer World**

END-USER APPLICATION CASE-STUDY

This session will provide you with examples from a practitioner who is integrating biometric applications in the consumer world. You will hear of the success they have had, challenges they have overcome, and the future trends to look for.

Client TBA
Charles "Bud" Yanak, *Director Product Management & Partner Development* **Fujitsu Frontech North America**

3:15 p.m. Idea Exchange: Questions, Feedback, & Collaboration

3:20 p.m. Afternoon Industry Networking, Refreshments, & Exhibits

3:35 p.m. **Learn How Biometric Systems Are Being Used To Identify Criminals Including AFIS, Mobile Biometric Solutions, & Ear Recognition**

LAW ENFORCCEMENT CASE STUDY

Michigan State Police have utilized biometrics to identify criminals in a state with more than its share of violent cities. You will hear tips and techniques regarding large scale identification systems and programs such as AFIS, to mobile biometric solutions on the side of the road, including how:

- Law enforcement can utilize technology to become more flexible and less dependent on "bricks and mortar"
- To choose the best mobile identification solution for your needs
- Other emerging modalities, such as ear recognition, are being used in law enforcement

Jeremy Slavish, *Director Biometrics and Identification Division* **Michigan State Police**

4:05 p.m. Idea Exchange: Questions, Feedback, & Collaboration

4:10 p.m. **ASK THE EXPERTS: CLOSING PANEL**

Wrap up your summit experience during this interactive speaker panel. We will recap the highlights of the past two days, answer any final questions you have, and discuss next steps to take as you return to the office.

4:30 p.m. Close Of General Sessions

THURSDAY, MARCH 6, 2014
POST-CONFERENCE WORKSHOPS BEGIN AT 8:00 A.M.

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PRE-CONFERENCE WORKSHOPS: MONDAY, MARCH 3, 2014

Take biometrics from complexity to clarity through these interactive workshops guaranteed to enrich your conference experience. These information-packed sessions are a great opportunity to network with fellow attendees while taking a hands-on, common-sense approach to mastering biometrics that will enhance your understanding of the informative, case study presentations throughout the entire conference and prepare you for implementing the new technologies when you return to your organization.

Choose A or B or BOTH for Maximum Value and Learning

8:30 A.M. TO 11:30 A.M.

A: BIOMETRICS 101: UNDERSTANDING BIOMETRIC TECHNOLOGY AND IMPLEMENTATION

Continental breakfast will be provided at 8:00 a.m. for the morning workshop attendees.

This workshop will prepare you for the rest of the conference by providing fundamentals of biometrics, biometric modalities, devices and scanners, concepts and terminology. It will demystify enrolment, authentication, verification, and identification. Additionally, you will be presented with a comparison of capabilities, advantages, disadvantages, and vulnerabilities of various biometric systems. We will review fundamental enabling technologies, standards, biometrics system architecture, testing/evaluating performance, acceptability, and privacy considerations; including:

- Current state of the art and new developments
- Major biometric technologies
- Multimodal biometrics - including the fusion of: Fingerprint, Iris Recognition, Face Recognition
- Major horizontal biometric applications
- Large-scale integration and project methodology
- Case studies of major deployments
- Testing and certification of systems
- Biometrics spoofing
- Biometric standards
- Privacy and biometrics

WORKSHOP LEADER:
David Stallsmith, *Director of Product Management,* **ColorID**

11:30 a.m. to 12:30 p.m. Afternoon break/lunch on your own

12:30 P.M. TO 3:30 P.M.

B: IMPLEMENTING BIOMETRICS: A STEP-BY-STEP PROCESS TO ENSURE PROJECT SUCCESS

Refreshments will be provided during this session.

During this workshop, you will learn best practices for biometric system implementation to help you avoid common pitfalls and ensure success. You will leave with a step-by-step checklist that can be tailored to your own biometric project.

Specifically, through examples of good and bad implementations, you will learn a process for:

- Understanding and defining key requirements - such as business, technology and legal requirements
- Matching the right technology to the application
- Determining unique biometric considerations and risks
- Addressing system integration considerations
- Ensuring best practices for enrollment, interoperability, data privacy and security
- Considering human factors and the physical environment

WORKSHOP LEADER:
Walter Hamilton, *Senior Consultant,* **Identity Technology Partners**

> The conference provided information on biometrics that will now enable me and my colleagues to make an informed decision on the use of biometrics.
> **G. Williams,** *Program Manager*
> **U.S. DEPARTMENT OF HOMELAND SECURITY**

POST-CONFERENCE WORKSHOPS: THURSDAY, MARCH 6, 2014

Choose C or D or BOTH for Maximum Value and Learning

8:30 A.M. TO 11:30 A.M.

C: BIOMETRIC AUTHENTICATION: ITS USE AND INTEGRATION WITH PASSWORDS, SMARTCARDS, PKI, AND OTHER TECHNOLOGIES TO STRENGTHEN ACCESS CONTROL

Continental breakfast will be provided at 8:00 a.m. for the morning workshop attendees.

Attend this workshop for an in-depth look at the area of biometric user authentication, primarily for access control purposes. We will investigate biometric authentication contexts, architectures, paradigms and protocols and the differences between biometric authentication and more traditional (secrets-based) authentication methods. Learn where biometric authentication fits within the larger information and physical security domains and infrastructures, as well as its role within a credential-based access control system. In addition, you will gain an understanding of:

- How biometric authentication relates to and can be used with other related technologies (e.g., passwords/PINs, tokens/smartcards, and PKI), including multi-factor authentication implementations
- The security requirements and mechanisms required to implement biometric authentication effectively
- The advantages and concerns of incorporating the "what you are" method to your logical or physical access system
- Issues and considerations such as secrecy/integrity, revocation, etc.
- What standards exist or are in progress that support the implementation of biometric authentication

WORKSHOP LEADER: Catherine J. Tilton, *VP, Standards & Emerging Technologies,* **Daon**

12:30 P.M. TO 3:30 P.M.

D: HOW TO PREPARE FOR THE FUTURE OF BIOMETRIC SYSTEMS

Refreshments will be provided during this session.

Have you wondered what's new in the biometrics industry? Are you worried that your current deployment will be obsolete in a few short years? Are you planning a cutting-edge system? This interactive workshop will take a look at advances in biometric technologies and new biometric deployments from around the world, and how you can use this information to improve or protect your current systems and investments.

Prepare yourself for the future by attending this workshop to learn what's next in biometric systems, including:

- How R&D efforts of the past have impacted today's deployments
- Emerging biometric modalities
- New ways to use biometrics
- A summary of the latest advances in biometrics
- Tips on "future-proofing" your system

WORKSHOP LEADER: Joy Smith, *Program Manager*
IBG, A Novetta Solutions Company

> Well organized, great presenters with timely and pertinent information.
> **L. Cardillo,** *Director*
> **NORTHWEST FEDERAL CREDIT UNION**

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Winter BIOMETRICS Summit 2014

Conference & Workshops:
March 3-6, 2014 | Miami Marriott Biscayne Bay

BEST PRACTICES AND FUTURE TRENDS ACROSS APPLICATIONS & INDUSTRIES TO ENHANCE SECURITY & PRIVACY

ALL CONFERENCE SESSIONS WILL BE HELD AT THE:

Miami Marriott Biscayne Bay
1633 North Bayshore Drive, Miami, FL 33132
T: 305-375-3900
www.marriott.com/miabb

A limited number of rooms have been set aside at a reduced room rate of $219/night. Please make your reservation no later than February 10, 2014 to help ensure this special rate & mention "Advanced Learning Institute Winter 2014 Biometrics."

We recommend that reservations be made early as possible as rates are subject to availability - please contact the hotel directly.

REGISTRATION FEES:

The following are included in your conference registration: attendance, a conference workbook and any additional meeting materials -- including access to the digital dropbox to obtain electronic copies of speaker presentations, continental breakfasts, morning & afternoon refreshments, and evening networking reception.

GOVERNMENT EMPLOYEES WILL RECEIVE $200 OFF OF PRICES LISTED BELOW.

GROUP DISCOUNT: REGISTER 3 COLLEAGUES AND THE 4TH IS **FREE!**	EARLYBIRD PRICING: REGISTER BY JANUARY 10TH	REGULAR PRICING: REGISTER AFTER JANUARY 10TH
CONFERENCE ONLY (MARCH 4 & 5)	$1,699	$2,099
CONFERENCE (MARCH 4 & 5) **PLUS ONE WORKSHOP** (MARCH 3 OR 6**)**	$2,099	$2,499
CONFERENCE (MARCH 4 & 5) **PLUS TWO WORKSHOPS** (MARCH 3 &/OR 6)	$2,399	$2,799
CONFERENCE (MARCH 4 & 5) **PLUS THREE WORKSHOPS** (MARCH 3 & 6)	$2,599	$2,999
ALL ACCESS PASS **CONFERENCE** (MARCH 4 & 5) **PLUS ALL FOUR WORKSHOPS** (MARCH 3 & 6)	$2,699 **BEST VALUE!**	$3,099
DIGITAL ACCESS TO CONFERENCE MATERIALS ONLY (IF NOT ATTENDING)	$249	

TEAM DISCOUNTS: REGISTER 3 & THE 4TH IS FREE!

Payment is due two weeks prior to the conference. If payment has not been received two weeks before the conference, a credit-card hold, training form or purchase order will be taken to ensure your space.

Note to small departments — register together with your colleagues from another organization and receive the same group discount. The free registrant must be of equal or lesser value.

Cancellation Policy: You may make substitutions at any time; please notify us as soon as possible. If you cancel (in writing) more than two weeks prior to the conference (before Feb. 17th) a refund will be provided less a $295 administration fee. Registered delegates who do not attend or who cancel two weeks prior to the conference or less (on or after Feb. 17th) will be issued a credit memo. Credit memos will be valid for one year from date of issuance and can be used by anyone in your organization.

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