In Case of Emergency Please Use Nearest Exit
Wireless Service Available

Information regarding the NIST Visitor Wireless Network is available at the registration desk.
Please remember to silence cellphones during sessions.
Presentations will be available on the workshop’s site:

http://www.nist.gov/itl/forensic-science-workshop.cfm
Transportation

NIST Metro Shuttle leaves NIST on the hour and half-hour (entrance of Admin Bldg.)

Last NIST shuttle to the Shady Grove Metro station leaves at 6:00 p.m.

Metro travels to Reagan National Airport.
Breaks:

11:20am - 11:30am

*3:15pm - 3:30pm

Lunch:

1:15pm - 2:15am

*The cafeteria closes @ 3pm. You may want to purchase a snack or extra drink during lunch.
Please be so kind and take your trash when exiting the auditorium.

Trash cans and recycling bins are available outside of the auditorium.

Thank you!
Dr. Romine oversees a research program designed to promote U.S. innovation and industrial competitiveness by developing and disseminating standards, measurements, and testing for interoperability, security, usability, and reliability of information systems, including cybersecurity standards and guidelines for Federal agencies and U.S. industry, supporting these and measurement science at NIST through fundamental and applied research in computer science, mathematics, and statistics. ITL is also charged with using existing and emerging IT to help meet national priorities, including developing cybersecurity standards, guidelines, and associated methods and techniques, cloud computing, electronic voting, smart grid, homeland security applications, and health information technology. He joined NIST in 2009 after serving in the White House Office of Science and Technology Policy as Senior Policy Analyst for information technology.
Dr. Herman is Senior Advisor for Forensics and IT in the Information Technology Laboratory, National Institute of Standards and Technology (NIST). He is responsible for coordinating and expanding a comprehensive program that applies innovations in computer science, math and statistics to advance measurements and standards for forensic sciences. He also co-leads the NIST Cloud Computing Forensic Science effort.
Keynote Address:

Cloud Forensics – Finding the Needle in the Stack of Needles

Bill Murray, Manager, AWS Security Services, Amazon

Mr. Murray is the Director of Security Programs in the Amazon Web Services (AWS) Security Group. His efforts revolve around ensuring a safe and secure cloud computing environment for commercial, enterprise and government agencies. He is responsible for the programmatic oversight of physical security for all Amazon data centers worldwide and oversees the operation of AWS’ Security Operations Centers both in the US, Europe and Asia. He is also the AWS Security Law Enforcement Liaison providing guidance, information and education to law enforcement agencies working with AWS.
Mr. Karmel is the founder and CEO of C2 Labs, a cloud security and services company focused on enabling IT agility by simplifying complexity through innovative products and services, allowing you to Command and Control YOUR cloud.

Ms. Taylor is the founder of Relevant Technologies and the FISMA Center. Formerly she served as the technical architect of FedRAMP developing all the FedRAMP security templates, the Guide to Understanding FedRAMP, the FedRAMP Continuous Monitoring Strategy Guide, the FedRAMP Incident Response Procedure and various other FedRAMP guidance.

Mr. Beauchamp currently serves as Branch Manager of The Focused Operations Team for the Office of Information Technology, Information Assurance and Cyber Security Division for TSA. Dale previously served as Senior Forensics and Intrusions Instructor for the Defense Cyber Investigations Training Academy.
Coffee Break:

Cafeteria is to your right as you exit from the Auditorium.

Please return before 11:30 am
Dr. Ruan coined the term cloud forensics in 2009 and is the editor of the first academic reference explicitly on the topic of cloud forensics "Cybercrime and Cloud Forensics: Application for Investigation Processes" with contributing authors from both industry and academia pioneering the field. She has spoken widely at international conferences on the topic and is currently a Senior R&D Scientist at a leading Irish information management company.

Mr. Salim is the Chief Technology Officer at LocalWeb.com / ADTI (American Data Technology, Inc.), a Cloud and Managed Web Hosting provider located in North Carolina. USA. LocalWeb.com / ADTI has been providing hosting services to U.S. Government agencies as well as to commercial enterprises nationwide and worldwide for 18+ years. With his experience with the company, Mike Salim brings an in-depth, hands-on Cloud Service Provider’s perspective on the emerging field of Cloud Forensics.
Plenary Session 2:  

Cloud Forensics “Musts”, “Needs” and “Dreams”

Tony Rutkowski, EVP, Yaana Technologies.

As EVP for Regulatory Affairs and Standards for Yaana Technologies he participates in governmental and industry forums worldwide, as well as provides regulatory counsel to the company. Over the past several years, he has been active in many diverse security standards bodies, including as rapporteur for work in ETSI TCLI and ITU-T. He serves as the rapporteur for Cloud Computing LI and Retained Data in the former.

Dr. Katrin Franke, Professor, NISlab, Gjøvik Univ. College

Dr. Katrin Franke is a professor of computer science and director of the Testimon Forensic laboratory at Gjøvik University College, Norway. Dr. Franke joined the Norwegian Information Security laboratory as an associate professor in January 2007 and was promoted to full professor based on competence evaluation in 2010. She has published more than 140 scientific papers including one patent.

Kristy Westphal, IS Officer, Element Payment Services

Ms. Westphal is a versatile information technology professional of 21 years with specific experience in providing advisory and management services in the area of information security.
Panel Discussion:
Next Steps in Cloud Forensics

Moderator:
Dr. Isiah Dykstra, Computer Sec. Researcher, DoD.
Dr. Dykstra’s research interests include network security, intrusion detection, malware analysis, digital forensics, and cloud computing. Dykstra is employed by the US Department of Defense.

Panelists:
Ken Zatyko, Senior Manager, Forensics Tech & Cybercrime, E&Y
Dr. Zatyko is a Senior Manager and cybercrime subject matter expert in the Forensic Technology and Discovery Services practice at Ernst and Young (EY). He has over 27 years of experience. He leads forensics examiners, software engineers, and cyber analysts.

Dr. Nancy Landreville, Professor, UMUC
Dr. Landreville has over a decade in providing consulting services for industry at a level comparable to a government SES; decades of combined military service with the Navy and Army; several decades of higher level government service in information technology; and eight years as a college professor in cybersecurity and information assurance.

Inno Eroraha, Founder & CS, NetSecurity Corporation
Mr. Eroraha oversees day-to-day operations, including the proprietary HANDS-ON HOW-TO® training program and the state-of-the-art NETSECURITY FORENSIC LABS. He leads the execution of NetSecurity’s solutions and helps clients protect, defend, and recover valuable assets from cyber attacks and computer fraud.

Tomohiko Yamawaka, Research Program Director, NTT, Japan
Mr. Yamawaka received his Bachelors of Law degree and Masters of Law degree from the University of Tokyo. After working in NTT Corporation and InfoCom Research, Inc., he started his business carrier at NTT DATA Corporation in April of 2001.
Facilitated Discussion:

Cloud Forensics Science Roadmap

1. What does the future state of cloud forensics look like?
2. What are the barriers to implementing the future state?
3. What does a roadmap to achieve the future state look like?

Facilitators:

**Dr. Martin Herman**, Senior Advisor for Forensics & IT, ITL, NIST
Dr. Herman is responsible for coordinating and expanding a comprehensive program that applies innovations in computer science, math and statistics to advance measurements and standards for forensic sciences.

**Mr. Robert Jackson**, VP of Operations for SphereCom® Enterprises Inc.
Mr. Jackson manages the company’s operation focused on cyber security, telecommunications engineering, and security operations for advanced technologies such as cloud computing (including FedRAMP), Radio Frequency Identification, mobile and ad hoc wireless communications, and robotics.

Support:

**Joshua Nail**, Program Manager, SphereCom® Enterprises Inc.