

ITAC

IT AUDIT & CONTROLS CONFERENCE

November 29 – December 1, 2017
Hyatt Regency Austin, Austin, TX

3 TRACKS COVERING ALL ASPECTS OF IT AUDIT & CONTROLS

- Taking an agile approach to cybersecurity
- Delivering responsible innovations in the digital era
- How to audit ransomware risks
- Best practices in auditing IT governance
- Inside out approaches to IT security
- Information systems acquisition, development and implementation

KEYNOTE SPEAKERS



ANDREW CLARK
*IT Auditor and
Data Scientist,
Astec Industries*



ROB CLYDE
*Managing Partner,
Clyde Consulting LLC*



ED ROBINSON
*CEO, Robinson
Performance Group
Author of
4 Giant Steps to
Leadership*



ROBERT STROUD
*Past President, Member
International Board &
Chair Compensation
Committee, ISACA*

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Featured Keynotes:



From Fighting the Storm to Winning the Leadership Race

ED ROBINSON

*CEO, Robinson Performance Group,
Author of 4 Giant Steps to Leadership*

Whether you are an IT professional, an auditor or both, you either initiate or have a need to manage change and the challenges that come with it. Mr. Robinson will provide strategies to help you win the race to persuade, lead and positively impact productivity and performance. Participants will be empowered to solve problems, manage change and become transformational agents for their organizations. The discussion will cover how the IT auditor can be a solution provider and problem solver, take responsibility and achieve excellence.



Preparing for a Cyber Future that is Already Here!

ROBERT STROUD

Past President, Member International Board & Chair Compensation Committee, ISACA

Imagine a future where cars automatically drive themselves, correcting their path to avoid accidents; drones deliver your groceries; and your house talks to you, telling you if the lights are on or if the doors are locked. You don't need to imagine, since these technologies are already in use. From shopping to healthcare to booking a taxi, disruptive use of technology is growing with the immersion of IT into everyday business. How does the rise and adoption of the digital universe introduce new threat actors and scenarios that we have never seen before? Is this simply a short-term change that we can simply ignore or the new normal? What can I do to prepare? The Digital Universe is here, and it will change your life and your role as you know it!



Board Director Concerns about Cyber and Technology Risk

ROB CLYDE

Managing Partner, Clyde Consulting LLC

The C-suite and boards of directors are increasingly concerned about cyber attacks and risk. If asked, how should you present and discuss such issues with the board? Also, boards and executives are anxious to understand the business opportunity and impact and risk relative to new technologies. This session will explore ways to discuss new technologies with the board, including the Internet of Things, artificial intelligence and machine learning, augmented reality, and quantum computing. In addition, cyber attacks continue to escalate with data breaches and ransomware being discussed at the board level. You will explore the likely questions your board will ask, as well as get advice for how to discuss them.



Machines That Think: Are You Ready to Audit Machine Learning?

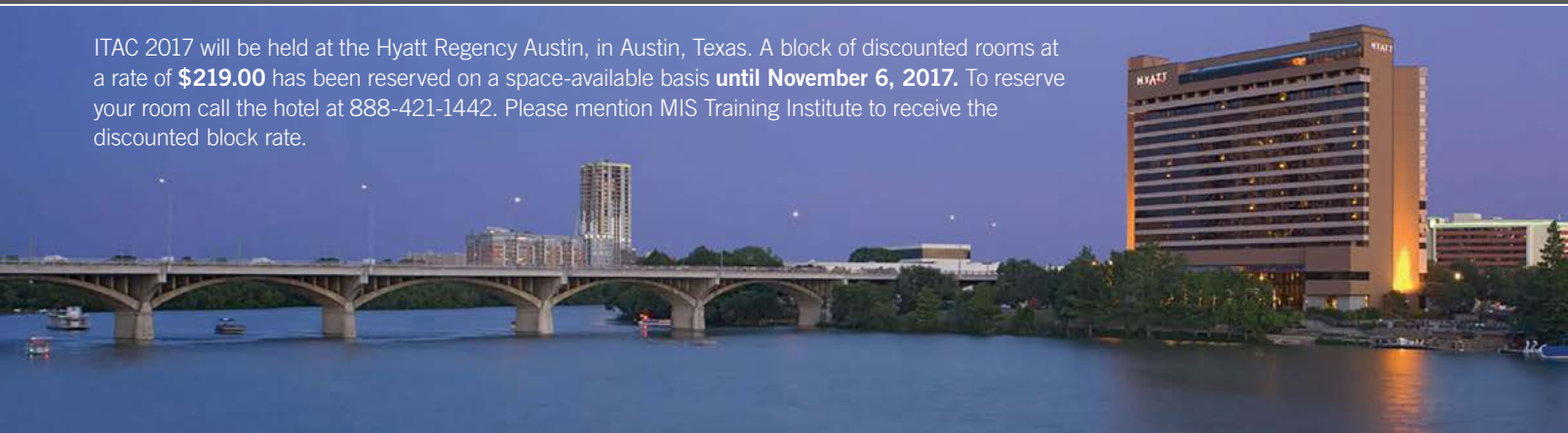
ANDREW CLARK

IT Auditor and Data Scientist, Astec Industries

As it gains wider adoption, what does machine learning mean for internal auditors and their organizations? With the proliferation of buzzwords and the black box nature of machine learning, Mr. Clark will help you cut through the noise and understand what fundamental changes are occurring and what is still more hype than reality. The session will include an overview of what machine learning is, examine its current and potential impact on industries and organizations and explain the need for an objective audit. A breakdown of the various buzzwords (AI, cognitive computing, predictive modeling) will be provided, differentiating between fact, future and fiction. The presentation will conclude with an example of what machine learning audits consist of, and what steps are required to perform one.

Venue & Accommodations: Hyatt Regency Austin, 208 Barton Springs, Austin, Texas, 78704

ITAC 2017 will be held at the Hyatt Regency Austin, in Austin, Texas. A block of discounted rooms at a rate of **\$219.00** has been reserved on a space-available basis **until November 6, 2017**. To reserve your room call the hotel at 888-421-1442. Please mention MIS Training Institute to receive the discounted block rate.



CONFERENCE AT-A-GLANCE

WEDNESDAY, NOVEMBER 29

TRACK	Emerging Technology & Tools	Risk Management	Strategy & Operations
8:00 AM - 9:00 AM	REGISTRATION AND CONTINENTAL BREAKFAST		
9:00 AM - 9:15 AM	CHAIR'S WELCOMING REMARKS		
9:15 AM - 10:30 AM	Opening Keynote: From Fighting the Storm to Winning the Leadership Race – Ed Robinson		
10:30 AM - 11:00 AM	REFRESHMENT BREAK WITH SPONSORS		
11:00 AM - 12:00 PM	A1 The Top Five Ways to Secure Your Virtualization Environment <i>Alan Sugano</i>	B1 Using Risk Models and Connecting IT Risk Management to Enterprise Risk <i>James Finn Sr.</i>	C1 Optimizing the Three Lines of Defense to Enhance Cybersecurity Risk Management and Assurance <i>Scott Shimmers, David Wood</i>
12:00 PM - 1:15 PM	NETWORKING LUNCHEON		
1:15 PM - 2:15 PM	A2 Cybersecurity Assurance Using the CIS Critical Security Controls (CSCs) <i>Tony Sager, Greg Johnson</i>	B2 Trash Talkin': An IT Auditor's Guide to Dumpster Diving <i>John Liestman</i>	C2 Information Systems Acquisition, Development and Implementation <i>Joseph Koval, Katie Smith</i>
2:45 PM - 3:45 PM	A3 What Every IT Auditor Needs to Know About Cloud Vendor Management <i>Jason Claycomb</i>	B3 Innovative Techniques in Enterprise Risk Sensing and the Internal Audit Function <i>Russell Safirstein</i>	C3 Charge! Positioning IT Audit as a Trusted Business Advisor <i>Tony Redlinger</i>
3:45 PM - 4:15 PM	REFRESHMENT BREAK WITH SPONSORS		
4:15 PM - 5:15 PM	A4 Social Media Compliance Auditing: Identifying How Social Media is Used in the Organization <i>Jason Claycomb</i>	B4 Don't Let Your Data Get Taken Hostage: How to Audit Ransomware Risks <i>Matthew Rosentrater</i>	C4 The Magic of Excel Macros to Address Continuous Monitoring of IT Audit Issues <i>Shu Chen Su</i>
5:15 PM - 6:00 PM	NETWORKING RECEPTION		

THURSDAY, NOVEMBER 30

8:15 AM - 9:15 AM	CONTINENTAL BREAKFAST WITH SPONSORS		
9:15 AM - 10:30 AM	Keynote: Preparing for a Cyber Future that is Already Here! – Robert Stroud		
10:30 AM - 11:00 AM	REFRESHMENT BREAK WITH SPONSORS		
11:00 AM - 12:00 PM	A5 Late-Breaking Session	B5 Why Risk-Model Security Doesn't Work <i>Michael Spurgeon</i>	C5 Auditing Information Security from Both a Physical and Electronic Perspective <i>Kaveh Rikhtegar</i>
12:00 PM - 1:15 PM	LUNCH ON YOUR OWN		
1:15 PM - 2:30 PM	Keynote: Board Director Concerns about Cyber and Technology Risk – Rob Clyde		
2:30 PM - 3:00 PM	COFFEE AND DESSERT WITH SPONSORS		
3:00 PM - 4:00 PM	A6 The Internet of Things and the Cloud: Risks, Practices, Policies and Compliance <i>Maria Horton</i>	B6 Infrastructure as Code: Improving the Speed and Accuracy of IT Audits <i>Becki True</i>	C6 Best Practices in Auditing IT Governance <i>Barbara Gai</i>
4:10 PM - 5:10 PM	A7 Delivering Responsible Innovations in the Digital Era <i>Ilya Kabanov</i>	B7 How to Conduct an Effective Risk-Sensing Workshop <i>Doris Myles & Sonya Golden</i>	C7 Late Breaking Session

FRIDAY, DECEMBER 1

8:00 AM - 8:30 AM	CONTINENTAL BREAKFAST		
8:30 AM - 9:30 AM	Keynote: Machines That Think: Are You Ready to Audit Machine Learning – Andrew Clark		
9:45 AM - 10:45 AM	A8 Taking an Agile Approach to Cybersecurity <i>James Sayles</i>	B8 Expedia's Internal Audit Approach to a Cloud Governance Framework <i>Dan Tsang</i>	C8 What Every IT Auditor Needs to Know About Encryption <i>James Kirk</i>
10:45 AM - 11:00 AM	REFRESHMENT BREAK		
11:00 AM - 12:00 PM	A9 Auditing the Cloud 2.0: IaaS and Custom Applications <i>Srini Gurrapu</i>	B9 An Inside-Out Approach to IT Security <i>Robert Slocum</i>	C9 The Rise of Privacy: Complying with the EU's GDPR <i>Gene Geiger</i>

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EXPO

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IT Audit Leadership Summit

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ITAC Agenda

TUESDAY, NOVEMBER 28

7:45 AM – 8:45 AM

Registration and Continental Breakfast

8:45 AM – 9:00 AM

Chair's Opening Remarks

Shawna Flanders, Director of Instructional Technology and Innovations and Senior Trainer, MISTI

9:00 AM – 10:00 AM

You Still Have Not Integrated Your Audit Department?

John Liestman, IT Audit Manager, Woodforest National Bank

- The risks of performing separate or parallel audits
- Staff development opportunities for IT, operations and auditors
- Cost savings from full integration

10:15 AM – 11:15 AM

The What, Why, When, Where and How of IT Audit Becoming a Trusted Advisor

Kate Mullin, VP and Chief Information Security Officer, WageWorks

- Why being a trusted advisor should be a primary goal of IT audit
- The necessary knowledge, skills and abilities to be successful
- Making a greater difference as trusted advisors

11:15 AM – 12:15 PM

The Customer Service Oriented IT Audit Department

Norma Hale, President, JourneyAh

- What is customer service centric IT?
- Why collaboration between audit and auditee is critical
- Where audit can be an asset...beyond traditional assurance functions

12:15 PM – 1:15 PM

Networking Luncheon

1:15 PM – 2:30 PM

The Rapidly Changing Footprint of IT Audit

Tony Redlinger, Senior Manager, Internal Audit, IHS Markit

- Changing expectations of IT auditors
- Impact of new and emerging technologies on the profession
- Important skills for IT auditors to be successful

2:45 PM – 3:45 PM

Educating the Audit Committee on Cyber-Risk

Jeff Roth, Regional Director, NCC Group; and ISACA

- Focusing on what matters and which conversations to have
- Mistakes in communicating to the audit committee
- Communicating the need for resources to the audit committee

4:00 PM – 5:00 PM

S6: Think Tank: Here Comes 2018, Is Your IT Audit Department Ready? **INTERACTIVE**

Facilitator: Shawna Flanders, Director of Instructional Technology and Innovations and Senior Trainer, MISTI

- Internet of Things (IoT) in the Workplace... And at home
- Mobile applications and management solutions
- Cloud provider management and cloud storage

TRACK A: EMERGING TECHNOLOGY & TOOLS

WEDNESDAY, NOVEMBER 29

11:00 AM – 12:00 PM

A1 The Top Five Ways to Secure Your Virtualization Environment

Alan Sugano, President, ADS Consulting Group

- Virtualizing specific backup strategies
- Siloing your Virtualization Infrastructure
- Authentication into your virtualization management infrastructure
- Monitoring of virtualization infrastructure
- Software Defined Networking/Network Virtualization

1:15 PM – 2:15 PM

A2 Cybersecurity Assurance Using the CIS Critical Security Controls (CSCs)

Tony Sager, Senior Vice President and Chief Evangelist, Center for Internet Security

Greg Johnson, Vice President and Assistant General Auditor, Federal Reserve Bank of Richmond

- Description and history of the Center for Internet Security's Critical Security Controls
- Context on assurance frameworks like NIST CSF, FISMA and COSO
- Using the CSCs tool to measure effectiveness and maturity

2:45 PM – 3:45 PM

A3 What Every IT Auditor Needs to Know About Cloud Vendor Management

Jason Claycomb, Principal, INARMA

- Certification review & CUECs
- Financial due diligence & non-public providers
- Right to audit & on-site visits
- SLAs & meeting business needs
- Pre-nuptial clauses (how do I terminate the contract)

4:15 PM – 5:15 PM

A4 Social Media Compliance Auditing: Identifying How Social Media is Used in the Organization

Jason Claycomb, Principal, INARMA

- Social media policies and monitoring suggestions
- The official presence
- Reactions to inappropriate or unreasonable posts

THURSDAY, NOVEMBER 30

11:00 AM – 12:00 PM

A5 Late-Breaking Session

3:00 PM – 4:00 PM

A6 The Internet of Things and the Cloud: Risks, Practices, Policies and Compliance

Maria Horton, Founder, EmeSec

- Today's management of and liability for regulatory risks from Cloud and IoT solutions
- Insight into comparing and leveraging government and ISO standards for risk mitigation
- Recommendations on how to update data loss prevention and incident response activities, including crisis communications and proactive assessments like FedRAMP and CUI

4:10 PM – 5:10 PM

A7 Delivering Responsible Innovations in the Digital Era

Ilya Kabanov, Global Director, Application Security and Compliance, Schneider Electric

- The importance, especially in a digital era, of earning the trust of customers and employees alike
- Practical lessons on how security and compliance should empower digital innovations
- An actionable and scalable framework that delivers secure and compliant applications on a global scale
- Strategies to overcome barriers within a global organization and among partners

FRIDAY, DECEMBER 1

9:45 AM – 10:45 AM

A8 Taking an Agile Approach to Cybersecurity

James Sayles, Vice President, Governance, Risk and Compliance, Blueprint Software Systems

- Using the Agile framework for implementing and managing global cybersecurity and data security programs
- Reducing the risk of security breaches and theft of sensitive information

11:00 AM – 12:00 PM

A9 Auditing the Cloud 2.0: IaaS and Custom Applications

Srini Gurrupu, Vice President Solutions Strategy, Skyhigh Networks

- The security challenges unique to monitoring administrator behavior
- Consistent policies across all applications, whether they are SaaS, IaaS or PaaS
- Activity monitoring to detect threats and create an audit log for forensic investigations

TRACK B: RISK MANAGEMENT
WEDNESDAY, NOVEMBER 29

11:00 AM – 12:00 PM

B1 Using Risk Models and Connecting IT Risk Management to Enterprise Risk

James Finn Sr., IT Risk and Audit Consultant, Homesite Insurance

- The progression of what IT risk is from vulnerabilities to reality
- What the Lockheed Martin Cyber Kill Chain represents
- How to deal with “adversarial” vs “non-adversarial” threats
- Why vulnerabilities are important but not the most important part of IT risk

1:15 PM – 2:15 PM

B2 Trash Talkin’: An IT Auditor’s Guide to Dumpster Diving

John Liestman, IT Audit Manager, Woodforest National Bank

- Step-by-step instructions for planning and executing your dive
- The multiple roles required for a successful dive
- How to interpret the results and share them with management
- The secret tricks to maximize effectiveness and minimize the unpleasant aspects

2:45 PM – 3:45 PM

B3 Innovative Techniques in Enterprise Risk Sensing and the Internal Audit Function

Russell Safirstein, former CAE and current Managing Partner, Paracon Group

- Understanding how to identify risks through predictive measures
- Aligning internal audit with strategic business risks
- Understanding real-world risks and how to address them with technological tools and methods
- Realizing true cost saving measures through risk and advanced analytics
- How knowledge automation is here and being used by internal audit

4:15 PM – 5:15 PM

B4 Don’t Let Your Data Get Taken Hostage: How to Audit Ransomware Risks

Matthew Rosentrater, Cybersecurity Consulting Audit Manager, Tekkis

- What steps does internal audit need to take to evaluate ransomware risks?
- Critical cyber controls to help prevent a ransomware event
- Critical cyber controls that you need in the event of a ransomware incident
- Technical demo to teach you how to check for ransomware on your own PC

THURSDAY, NOVEMBER 30

11:00 AM – 12:00 PM

B5 Why Risk-Model Security Doesn’t Work

Michael Spurgeon, Information Risk Consultant, Cyber Defense Group

- Risk-model security vs. threat model security
- Better communication of IT security issues with the business
- Consistent year-over-year budget that supports long-term security strategies
- New trending and reporting that paints the true picture of information security

3:00 PM – 4:00 PM

B6 Infrastructure as Code: Improving the Speed and Accuracy of IT Audits

Becki True, Managing Member, Viking Technology Partners

- Eliminating configuration drift in automated configuration environments
- Understanding role based access controls support least privilege requirements
- Coupling automation with change management processes to ensure an accurate asset inventories
- Evaluating automation methodologies across all enterprise computing assets: physical, virtual, network, cloud, and containers

4:10 PM – 5:10 PM

B7 How to Conduct an Effective Risk-Sensing Workshop

Doris Myles, Risk, Audit & Compliance Consultant, RGP Consulting

- Sonya Golden, Manager, CBiz*
- How to enhance the ability to effectively manage key risks by anticipating and detecting trends
 - Recognizing and acting on obvious and unforeseen dangers (Rhinos and Black Swans)
 - Reducing critical response times through preparedness and communication

- Using technology, quantitative data analytics and dashboard reporting

FRIDAY, DECEMBER 1

9:45 AM – 10:45 AM

B8 Expedia’s Internal Audit Approach to a Cloud Governance Framework

Dan Tsang, Director Internal Audit, Expedia
Nesia DeSwardt, IT Audit Manager, Expedia

- Develop internal controls to be SOX compliant with your cloud-based systems and applications
- Understand how networking, security and software development risks are different in the cloud
- Understand why an internal controls ‘lift and shift’ approach will not work
- Learn about the different types of cloud-based internal audits that can be performed

11:00 AM – 12:00 PM

B9 An Inside Out Approach to IT Security

Robert Slocum, Director, Data Security & Insider Threat Strategies, Forcepoint

- Unearth the intent behind an employee’s handling of critical data: Are their actions business appropriate or potentially malicious?
- Utilize over-the-shoulder monitoring to mitigate risks and expedite investigations
- Analyze behavioral trends to help spotlight risky behavior or users
- Understand how the human interaction with data can help you avoid risks to your organization

TRACK C: STRATEGY & OPERATIONS

WEDNESDAY, NOVEMBER 29

11:00 AM – 12:00 PM

C1 Optimizing the Three Lines of Defense to Enhance Cybersecurity Risk Management and Assurance

Scott Shinnars, Director, Risk Advisory Services, RSM
David Wood, Partner, Risk Advisory Services, RSM

- Changes in technology and the business environment that increase cybersecurity risks
- Review optimal IT risk management processes applied to cybersecurity
- The impact of the “three lines of defense” model on IT risk management and IT audit
- Recommendations to improve your IT and cybersecurity risk management

1:15 PM – 2:15 PM

C2 Information Systems Acquisition, Development and Implementation

Joseph Koval, VP, Technology Audit, KeyBank
Katie Smith, Senior Audit Strategist, KeyBank

- The third line of defense's process of auditing the largest bank acquisition
- Auditing new systems and core implementations during an acquisition
- How lines of business are evaluated for changes to risk elements during an acquisition
- Monitoring existing third-party relationships and auditing acquired vendors

2:15 PM – 3:15 PM

C3 Charge! Positioning IT Audit as a Trusted Business Advisor

Tony Redlinger, Senior Manager, Internal Audit, IHS Markit

- Information security and IT professionals' perceptions of auditors
- Overcoming the perceived talent gap
- How to reduce the SOX testing effort to add more value
- Emerging risks and the IT audit role

4:15 PM – 5:15 PM

C4 The Magic of Excel Macros to Address Continuous Monitoring of IT Audit Issues

Shu Chen Su, Principal, IT Audit, Vulcan Materials

- How to leverage a SQL server instance to facilitate the automation of data gathering
- How to write SQL to eliminate human intervention
- Using active directory group for SQL server access
- Leveraging views (SQL logics/queries) in SQL server for automating user access inspection
- How to leverage Excel macros to present the results of those queries

- Practical ways to auditing information security from physical and electronic perspectives
- Discussion on some typical observations around auditing information security
- How to effectively report the result of the information security audit

3:00 PM – 4:00 PM

C6 Best Practices in Auditing IT Governance

Barbara Gai, Senior Internal Audit Consultant, Louisiana Workers' Compensation Corp

- The five components that comprise IT governance
- Assessing the roles and responsibilities of executives for effective tone at the top
- How to evaluate essential IT governance risks and controls
- How to develop a robust audit program that will thoroughly assess the effectiveness of IT governance in attainment of the organization's strategies and objectives

4:10 PM – 5:10 PM

C7 Late-Breaking Session

THURSDAY, NOVEMBER 30

11:00 AM – 12:00 PM

C5 Auditing Information Security from Both a Physical and Electronic Perspective

Kaveh Rikhtegar, Director of Internal Audit, Canadian Commercial Corp.

- Stakeholder expectations around information security
- Selecting best practice guidelines in auditing information security

To register

1. **Online:** itac.misti.com
2. **E-mail:** customerservice@misti.com
3. **Call:** Customer Service Department at (508) 879-7999 x 501

DISCOUNT & SPECIAL INFORMATION

TEAM DISCOUNT

Register 2 and the 3rd can Register at 50% off!

The discount will apply to the registration of lowest value, cannot be combined with any other discount offers and does not apply to previous registrations. Team registrations must be made and paid for at the same time.

FEES

All fees must be paid in advance in US dollars. The conference fee includes admission to sessions, all conference materials, continental breakfasts, refreshments, lunch, and reception. All workshop fees include lunch and materials for the workshop(s) you attend.

PACKAGE

ITAC 2017 Main Conference

ITAC 2017 Full Event Pass (includes one main conference pass, one full day summit or workshop and one half day workshop)

ITAC 2017 Government / IIA / ISACA members discount (10% off main conference registration fee only)

ITAC 2017 IT Audit Leadership Summit

ITAC 2017 Full Day Workshop

ITAC 2017 Half Day Workshop

CANCELLATIONS, TRANSFERS AND SUBSTITUTIONS

If you can no longer attend the ITAC Conference, please review the MISTI cancellation policy below and provide written notice to MISTI Customer Service at customerservice@misti.com. Cancellation policies are subject to change without notice.

- Cancellations received before October 13 will be entitled to a 100% refund less an administrative fee of \$195.

- You may elect to substitute another individual from your organization for the same event at any time without incurring an administrative fee of \$195. Registrations are non-transferable to other events.
- Cancellations received between October 13-November 6 will be refunded 50% of the amount paid.
- No refund will be given for cancellations received after November 7.

Workshops

FRIDAY, DECEMBER 1

9:45 AM – 10:45 AM

C8 What Every IT Auditor Needs to Know About Encryption

James Kirk, Regional Director, Risk Management & Governance North America NCC Group

- Uses of encryption—why encrypt?
- Identify different types of encryption
- Overview of different ciphers
- Factors to consider regarding key strength
- Key things to audit in an encryption implementation

11:00 AM – 12:00 PM

C9 The Rise of Privacy: Complying with the EU's GDPR

Gene Geiger, Partner and Co-Founder, A-LIGN

- Knowledge of the privacy and data protection landscape in Europe and the United States
- How the GDPR will affect US companies
- Comprehension of the requirements within GDPR, and the steps to achieving GDPR compliance
- The potential fallout from data protection and privacy non-compliance

	TIER 1 until 10/1	TIER 2 until 11/27	CPEs
	\$1,695	\$1,995	18
	\$2,695	\$2,995	31
	\$1,525	\$1,795	18
	\$995	\$995	8
	\$795	\$795	8
	\$595	\$595	5

CONTINUING EDUCATION CREDITS

All participants are eligible for 18 hours of Continuing Education Credits for the conference, 8 for the summit, 8 for the full day workshop and 5 for the half day workshop. Credits may be applied toward professional recertification requirements.



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Field of Study: Auditing

FULL DAY WORKSHOP

Earn
8 CPEs

TUESDAY, NOVEMBER 28

9:00 AM – 5:00 PM

W1 Conducting Advanced Audits of Cloud Providers

Jayson Claycomb, Principal, INARMA

This session will help IT and internal auditors evaluate cloud provider controls through the analysis of certifications, provider statements and provider control monitoring mechanisms. Many of the steps taken to gain confidence in provider controls are very manual and subjective in nature. This session will provide you with several industry-accepted cloud security questionnaires that may be used to help gather information about your providers. We will go beyond the questionnaires and talk about what other audit steps to perform, including:

- What SOC and ISO certification mean and how providers pick the controls they will “pass”
- What the right to audit often means and what to expect when conducting an on-site audit
- The value of written attestations from a provider and when to seek them
- Challenges to integrated provider monitoring (e.g. SEM integration)
- Throwing your weight around and how to get providers to listen to your concerns

HALF DAY WORKSHOPS

Earn
5 CPEs

FRIDAY, DECEMBER 1

12:30 PM – 5:00 PM

W2 Conducting IT Risk Assessments

Shawna Flanders, Director of Instructional Technology and Innovations and Senior Trainer, MISTI

This workshop will focus on how to conduct IT risk assessments, viewing the process through the lens of the ISACA Certified Risk and Controls (CRISC)[®] job practice. We are familiar with the audit pre-risk assessment process but how are risk assessments conducted in IT? What is a recommended IT risk management methodology and how does it work? This half-day workshop is designed to give attendees an overview of the basics of IT risk management as described within the

ISACA CRISC[®] Job Practice. Attendees will leave the session with a greater understanding of IT Risk Management and how to apply the job practice within their existing role or during a certification exam. During the session we will discuss:

- Risk universe, internal and external risk factors
- The IT risk management process: identification, assessment, analysis and evaluation
- How to build and maintain key indicators including: KRI, KPI and KGI

W3 Audit Lessons from Recent Security Breaches

Mark Edmead, Managing Director, MTE Advisors

A week no longer passes that does not include more headline-grabbing news of a large cyberattack or cyber-breach. These hacker threats, evolving technologies and staff shortages challenge IT auditors to address the enterprise's increasing IT risks. This workshop will focus on lessons learned to help avoid devastating harm to the organization's reputation and finances from security breaches.

During the workshop, we will analyze recent security breaches. Unfortunately, a disturbing theme in most breaches is the failure of basic internal controls. Hackers are not penetrating your network through your firewall, they are instead taking the easy way into your network via your vendors, social engineering, SQL injection attacks and other easy paths.

The workshop will reference several recent globally recognized breach investigation reports to highlight the key controls recommended during the session.

IT auditors and information security management need to focus on critical basic controls that if in place will greatly reduce the risk of embarrassing and expensive breaches.

WHAT YOU WILL LEARN:

- Threat & Vulnerability Management
- Assessing Critical Risk Areas
- Social Engineering
- Patch Management
- Privileged Access
- Monitoring Database Activities
- Log Management / IDS / IPS
- Vulnerability Assessments
- Encryption of Sensitive Information
- Assessing Vendor Risks
- SQL Injection