

**MTUG 2017 IT Summit – May 31, 2017 – Portland, Maine – www.mtug.org/summit
TENTATIVE Workshop Schedule & Descriptions**

Schedule, topics and rooms subject to change. Last update 5/25/17 7:30 AM.

Room & Track	Session A (9:15 – 10:15 AM)	Session B (11:00 AM–12: 00 PM)	Session C (2:00 – 3:00 PM)
I.T. CAREER DEVELOPMENT Track			
York Room 60 capacity	Automating Yourself to the Unemployment Line: <i>How I Learned to Stop Worrying and Love DevOps</i> <i>Benjamin Hamilton, Idexx Laboratories</i>	Negotiation Tools and Techniques for I.T. Professionals <i>George Diorio, Ascending Thought, LLC</i>	
I.T. EVOLUTION Track (new!)			
Cumberland Room 65 capacity	The Lego-ization of Next Gen Tech: <i>Modularity, democracy, and real world challenges</i> <i>Rich Casselberry, Liberty Mutual Insurance</i>	Take the Work Out of Getting Work Done with Team Messaging & Collaboration Applications <i>Avaya with Ropes & Gray LLP</i>	Using Microsoft Office 365 to Overcome Communication Barriers <i>Systems Engineering & Criterium Engineers</i>
I.T. INFRASTRUCTURE Track			
Somerset Room 85 capacity	High Availability and Network Protocols at Bates College <i>Bruce Hall, Bates College</i> TECH SKILL LEVEL: Intermediate	Cisco ASAP Data Center: <i>From Vision to Reality at Martin’s Point Health Care</i> <i>Cisco & Martin’s Point Health Care</i> TECH SKILL LEVEL: Intermediate	Flexible, Scalable, Affordable Small Space AV Solutions <i>Connectivity Group & L.L. Bean</i> TECH SKILL LEVEL: Basic
SECURITY Track			
Kennebec / Lincoln Room 100 capacity	Security: <i>Maine Today, Tomorrow, and Potential Solutions</i> <i>InfraGard’s Maine Member Alliance</i> TECH SKILL LEVEL: Intermediate	Bits and Bytes Don’t Belong in the Boardroom: <i>Communicating Security Vulnerabilities to the Enterprise</i> <i>Tenable Networks & Colby College</i> TECH SKILL LEVEL: Intermediate	Cybersecurity on the Front Lines: <i>What you need to know and how you need to plan</i> <i>Kaspersky Labs & Machias Savings Bank</i> TECH SKILL LEVEL: Intermediate
York Room 60 capacity	4th SECURITY TRACK SESSION IS IN: York Room 60 capacity		2017 – The Year of Digital Transformation and Disruption: <i>Securing against emerging threats</i> <i>Fortinet & South Portland</i> TECH SKILL LEVEL: Basic
TECH SANDBOX Track			
Oxford Room 65 capacity	Implementing a Clonezilla DRBL Server as a Deployment Solution for Small Businesses <i>Howard Burpee, Southern Maine Community College</i> TECH SKILL LEVEL: Intermediate	Network Simulation Using Cisco VIRL <i>Jim Fickett of Sappi, with Greg Constanzo of Cisco</i> TECH SKILL LEVEL: Advanced	Automated and wireless facility environmental data collection and transmission with Raspberry Pi <i>Raj Saha, Bates College</i> TECH SKILL LEVEL: Intermediate

MTUG 2017 – TENTATIVE Workshop Descriptions

Educational Workshop Descriptions

I.T. CAREER DEVELOPMENT Track

Automating Yourself to the Unemployment Line:

How I Learned to Stop Worrying and Love DevOps

[9:15 am – York]

This is the tale of how a small group of System Administrators at IDEXX came to embrace DevOps to increase automation, deliver Infrastructure-As-Code solutions to their Agile Software Development Teams, and spread the DevOps culture to every corner of the organization.

Benjamin Hamilton, Senior System Administrator – IDEXX Laboratories

Negotiation Tools and Techniques for I.T. Professionals

[11:00 am – York]

The ability to negotiate – in any industry -- is an important skill, requiring an understanding of power and influence. Success depends on an awareness of the critical factors and selecting the best approach. Three set of tools will be explained and exercises will be used to demonstrate effective techniques. This session offers information to help you become a more effective negotiator in virtually any situation. George Diorio's educational workshops for tech professionals draw on his three decades of experience directing and managing I.T. systems and technical support operations.

George D'Iorio, Founder – Ascending Thought, LLC

I.T. EVOLUTION Track

The Lego-ization of Next Gen Tech:

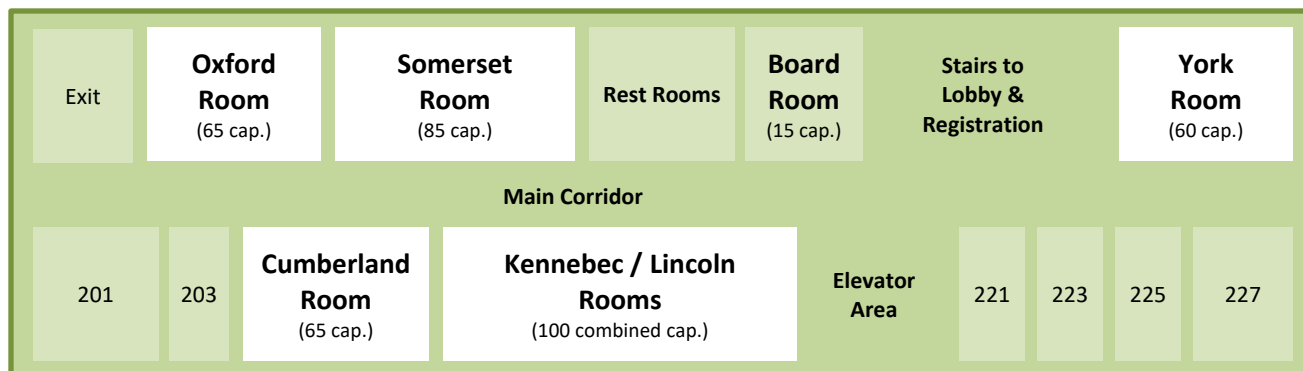
Modularity, democracy, and real world challenges

[9:15 am – Cumberland]

New technologies are evolving to empower the masses: now anyone can leverage “Next Generation” tech to solve real world problems. Much like we don't need to be a plastics engineer to build a Lego Death Star, we no longer need a Ph.D. in Artificial Intelligence to build a chatbot, nor leverage machine learning to solve contemporary problems. This talk will walk through three specific Next Generation technologies and see how you can use them now to solve real challenges. The presenter will discuss the tools available, the level of effort needed to get started, and good practices for securing them against threats.

Rich Casselberry, Risk Technologist – Liberty Mutual Insurance

Holiday Inn – MTUG Workshop Rooms – 2nd Floor



MTUG 2017 – TENTATIVE Workshop Descriptions

I.T. EVOLUTION Track (continued)

Take the Work Out of Getting Work Done:

Team Messaging & Collaboration Applications

[11:00 am – Cumberland]

In a message-first world, most conversations start silently. Just as mobile apps such as Snapchat, Facebook Messenger, and Apple iMessage have evolved to deliver a richer messaging experience, enterprise Instant Messaging and Presence (IM&P) applications are evolving as well. Moving beyond simple chat, Team Messaging & Collaboration (TMC) solutions are becoming platforms for individual & team messaging, document collaboration, and project based communication. This workshop will illustrate the differences and value between IM&P and TMC.

Steve Forcum, Systems Engineer –Avaya

Steve Panton, Senior Unified Communication Engineer – Hughes Hubbard & Reed

Utilizing Microsoft Office 365

to Overcome Communication Barriers

[2:00 pm – Cumberland]

In this workshop, Victoria Reed of Systems Engineering will discuss how to utilize Microsoft Office 365's built-in collaboration tools to connect your team, whether they are in one location or spread across the country. Scott Bourgojn, representing Criterium Engineers, will present how his organization utilized Office 365 tools such as Outlook Anywhere and SharePoint to connect their staff across the country. Together, Victoria and Scott will outline the benefits of engaging Office 365 to connect employees anytime and from anywhere.

Scott Bourgojn, former Director of Information Technology at Criterium Engineers

Victoria Reed, Manager of the Project Management Office – Systems Engineering

I.T. INFRASTRUCTURE Track

High Availability and Network Protocols at Bates College

[9:15 am – Somerset]

TECH SKILL LEVEL: Intermediate

Students want networks to be available all the time. This session will show the protocols and network design considerations in use at Bates College to meet that goal. The focus will be on Layer 1 and 2 standards, protocols, and vendor specific options. Special attention will be paid to the impact of protocol and configuration choices for network availability and maintainability. The same hardware infrastructure can be connected and configured in different ways to achieve higher availability.

Bruce Hall, Network Administrator – Bates College

Cisco ASAP Data Center:

From Vision to Reality at Martin's Point Health Care

[11:00 am – Somerset]

Come hear first-hand how Martin's Point Health Care used Cisco's ASAP Data Center to achieve new levels of efficiency, speed, security, and reliability in their Data Center operations. The ASAP (Analyze, Simplify, Automate, Protect) Data Center framework is Cisco's blueprint for the agile data center today. By implementing a new server platform based on the Unified Computing System (UCS) and upgrading their networking to Nexus, Martin's Point is able to use a software-defined approach to managing their IT Infrastructure end-to-end. We will also demonstrate UCS Manager and its ability to abstract the server's entire setup – aligning people, policies, and configuration with application workloads.

Tim Economides, Network Architect, I.T. – Martin's Point Health Care

Wai-Houng Leung, Manager, Systems Engineering – Martin's Point Health Care

Mike Marotta, Data Center Product Specialist – Cisco Systems

Evren Sen, Data Center Consulting Systems Engineer – Cisco Systems

MTUG 2017 – TENTATIVE Workshop Descriptions

I.T. INFRASTRUCTURE Track (continued)

Flexible, Scalable, Affordable Small Space AV Solutions

[2:00 pm – Somerset]

TECH SKILL LEVEL: Basic

Individual users at their desktop can participate in global meetings without getting out of their chair. For solo participation, no extra equipment is needed apart from maybe a headset for privacy. But when a small team needs to do the same, they don't need a full-scale conference room to collaborate. What do they need? They need a simple, fast and scalable solution that can take a single laptop and turn it into a conference room. Learn about the equipment, technologies, and various accessories that are cost effectively being deployed in today's modern offices.

Sue Beckelman, Enterprise Productivity – L.L. Bean

Alex Halliday, AV Installation Manager & Jamie Marsha, Senior AV Sales Engineer – Connectivity Group

SECURITY Track

Security: Maine Today, Tomorrow, and Potential Solutions

[9:15 am – Kennebec/Lincoln]

TECH SKILL LEVEL: Intermediate

This workshop will give attendees a perspective of diverse security situations and anticipated threats for the period 2017 to 2019. The presentation will include techniques to reduce risks and losses. Attendees will gain insight into actual risk, understand anticipated new threats over the next few years, learn about cost-effective options to reduce risk and minimize losses, and provide ample opportunity for Q&A. In conjunction with this session, the Maine Cyber Security Cluster will be conducting a CyberSecurity Survey in the elevator area near the workshop during all sessions (9am-3pm).

Frank Appunn, Professor, Thomas College – InfraGard Member Alliance (IMA)

Jockel Carter, Leadership, (ISC)2 Chapter – InfraGard

Edward Sihler, Technical Director, Maine Cyber Security Cluster – InfraGard

Bits and Bytes Don't Belong in the Boardroom:

Communicating Security Vulnerabilities to the Enterprise

[11:00 am – Kennebec/Lincoln]

TECH SKILL LEVEL: Intermediate

This presentation will give an overview of the thought process and strategies to take when translating technical security vulnerabilities into a language that the business will comprehend. The content will be general and outline overall strategy and philosophy when assessing a vulnerability assessment and management programs. Scenarios that are pertinent for both new shops to security all the way up to mature shops will be discussed. What and when to measure security vulnerabilities is an important component of the discussion, especially when translating it to the executive level.

Sam Gaudet, Strategist – Tenable Network Security and

Chad Tracy, Director of Information Security – Colby College

Cybersecurity on the Front Lines:

What you need to know and how you need to plan

[2:00 pm – Kennebec/Lincoln]

TECH SKILL LEVEL: Intermediate

When it comes to cybersecurity, the threat landscape is changing every day. With ransomware attacks, identity theft on the rise, changes in social engineering tactics, and concerns over the security of the Internet of Things, there's a lot to take in. Join Kaspersky Lab & Machias Savings Bank to learn about trends from the past year and predictions for the future of cybersecurity. This talk will give you a sharper focus on how to protect your business and how to plan for your future IT security needs.

Jeremy Clough, Information Security Officer – Machias Savings Bank

Mark Villinski, Director- Field Marketing – Kaspersky Lab

MTUG 2017 – TENTATIVE Workshop Descriptions

SECURITY Track (continued)

2017 – The Year of Digital Transformation and Disruption:

Securing against emerging threats

[2:00 pm – York]

TECH SKILL LEVEL: Basic

What is Digital Transformation and how is it impacting IT organizations? What are the key trends that customers are experiencing? We'll look back on the predictions, discuss what came true and what didn't, and look ahead to 2017 cyber threat predictions. Attendees will gain a better understanding of the cyber threat landscape and how security solutions can protect your infrastructure.

Michael Burgess, Systems Engineering Manager – Fortinet

Chris Dumais, Information Technology Director – City of South Portland

TECH SANDBOX Track

Implementing a Clonezilla DRBL Server as a Deployment Solution for Small Businesses

[9:15 am – Oxford]

TECH SKILL LEVEL: Intermediate

Is your small business in need of a deployment solution? Attend this workshop to learn how to implement a simple PXE boot deployment scenario using Clonezilla's free DRBL (direct remote boot Linux) server for creating and deploying OS images.

Howard Burpee, Professor, Computer & Information Sciences – Southern Maine Community College

Network Simulation using Cisco VIRL

[11:15am – Oxford]

TECH SKILL LEVEL: Advanced

This workshop will demonstrate connectivity of 9 routers to learn OSPF, EIGRP, RIP V2, ISIS and BGP with IPv4 and IPv6 addressing. Discussion will feature a complex design with the ability to try scenarios without breaking the production network. The speakers will create a topology from scratch (not pre-developed) using audience participation.

James T Fickett, Sr. Network Analyst – Sappi North America

with Greg Costanzo, System Engineer – Cisco

Automated and wireless facility environmental data collection and transmission with Raspberry Pi

[2:15pm – Oxford]

TECH SKILL LEVEL: Intermediate

The workshop will demo a Raspberry Pi-based device that collects, processes, and transmits environmental data over wifi. Every step in building the device will be outlined, including the collection of data using freely available tools. Applications include collecting sensor data (temperature, humidity) and pushing the data out to databases or a Google Spreadsheet for analysis. The data can be used to monitor building temperatures and anomalies, and optimize HVAC systems by building accurate thermal envelopes.

Raj Saha, Lecturer - Bates College

Thank you to all our Workshop Presenters!