## Workshop Schedule

**Schedule, rooms, topics, and descriptions subject to change. Last update 6/11/19 8:30 AM.**

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<tr>
<td><strong>INFRASTRUCTURE Track</strong></td>
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<td><strong>I.T. CAREER DEVELOPMENT Track</strong></td>
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<td>York Room, 2nd Floor (cap. 60)</td>
<td>Interviewing and retaining cybersecurity talent Sam Gaudet, Tanium TECH SKILL LEVEL: Intermediate</td>
<td>Collaboration Tools for Teams: Getting away from email for reduced madness! Raija Suomela, Operations Lean East, &amp; Priscilla Hansen Mahoney, Blazing Trails Coaching TECH SKILL LEVEL: Basic</td>
<td>Growing a Technical Workforce with Computer Science in Maine Schools: Where are we, and how can we do better? STEM Education Strategies LLC, Maine Math &amp; Science Alliance, &amp; Wiscasset Middle/High School TECH SKILL LEVEL: Basic</td>
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<td><strong>I.T. MANAGEMENT Track</strong> Session A (9:15a) &amp; Session B (11:15a) only.</td>
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<td>Rhode Island Room, 1st Fl/Lobby (cap. 80)</td>
<td>IT Risk Frameworks: What they are, and how to use them for targeting IT threat mitigation InfraGard, with representatives from MaineHealth, Thomas College, Idexx, Bath Savings Bank &amp; Tyler Technologies TECH SKILL LEVEL: Intermediate</td>
<td>The Absolute Simplest Approach to IT Management Scott Bourget, Maine Machine Products, &amp; Channing Arndt, Systems Engineering TECH SKILL LEVEL: Intermediate</td>
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<td><strong>SECURITY Track</strong></td>
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<td><strong>TECH MAVERICK Track</strong></td>
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<td>Cumberland Room, 2nd Floor (cap. 60)</td>
<td>Stop Trying to Make DevOps Happen, or It's Not Going to Happen! Benjamin Hamilton, Blue Tarp Financial &amp; Breanna Veillette, Idexx Laboratories TECH SKILL LEVEL: Basic</td>
<td>Think Before You Ink: Changing the printing culture on a college campus Kareem Myrick, John Murray, Kimberly Post, and Kevin Murphy, all of Saint Joseph’s College of Maine TECH SKILL LEVEL: Intermediate</td>
<td>Learn about Blockchain and Quantum computing. Rich Casselberry, Liberty Mutual TECH SKILL LEVEL: Basic</td>
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Educational Workshop Descriptions

I.T. INFRASTRUCTURE Track

Building Disaster Recovery into a Network Upgrade 9:15am – Connecticut Room, 1st Fl/Lobby

TECH SKILL LEVEL: Basic
An on-going network upgrade project at Bates College shows how plans for disaster recovery can be built into the network design. This upgrade was focused on increasing the campus internet connection to 10Gb. This major upgrade was planned to not only increase capacity but to increase the ability of the network to function in the event of disaster. This session will show how the upgrades were planned and tested to verify performance and resilience in the event of disaster.

Bruce Hall, Network Administrator – Bates College
Matt Thomas, Desktop Operations Analyst – Bates College

Amazon Web Services (AWS) for the Enterprise: 11:15am – Connecticut Room, 1st Fl/Lobby
Managing across your organization

TECH SKILL LEVEL: Intermediate
Managing AWS for an Enterprise requires thoughtful consideration of cost, security, standards and best practices. Journey with WEX Inc. as we share some of our considerations as we move to the cloud.

Doug Roberts, Cloud Engineer – WEX

Modern end user computing: 2:15pm – Connecticut Room, 1st Fl/Lobby
Deploying and managing Windows 10 with Intune

TECH SKILL LEVEL: Intermediate
This presentation takes an in-depth look at enrolling and managing Windows 10 devices using Microsoft Intune device management. Review multiple device management, domain join, and enrollment strategies. Considerations on virtual desktop publication, pure local, and hybrid scenarios. Real life project implications, lessons learned. Includes detailed technical discussion and admin portal walk-through.

Nate Flynn, Director of Applications – RMS (Residential Mortgage Services)
John Yurewicz, Partner Sales Northeast/SMB – Microsoft

I.T. CAREER DEVELOPMENT Track

Interviewing and Retaining Cybersecurity Talent 9:15am – York Room, 2nd Floor

TECH SKILL LEVEL: Intermediate
In today’s economy, hiring and retaining skilled talent is difficult. In this workshop, we will discuss interview strategies that encourage dialog.

Topics presented will include:
- benefits that are important to today’s remote workforce
- how to motivate through company growth
- civic volunteering as teambuilding
- creating a remote first team
- encouraging personal and professional growth

Sam Gaudet, Director of Technical Account Management – Tanium
Collaboration Tools for Teams: Getting away from email for Coordinated Execution & Higher Performing Teams (Reduced Madness)

**11:15am – York Room, 2nd Floor**

**TECH SKILL LEVEL: Basic**

Workers today in all sectors need to manage information and communication across a variety of platforms.

Raija and Priscilla share their experience of using JIRA, Trello, Slack, and other collaboration tools in partnership with communication tools (email and messaging) and file sharing (Google Drive, dropbox, etc). They discuss the human element of using these tools, the changing nature of collaboration, and the importance of creating a culture for your team’s best collaboration success.

Used smartly, collaboration and task management tools provide a new level of execution excellence for teams who want to reduce the madness and have a clear vision of their work – planned work, tasks, requirements, work in progress, priority, due date, and the end-to-end scale of the work at hand.

Priscilla Hansen Mahoney, Owner – Blazing Trails Coaching
Raija L. Suomela, Project Consultant, Operations – Lean East

Growing a Technical Workforce with Computer Science in Maine Schools: Where are We, and How Can We Do Better?

**An Interactive Workshop with the MTUG Audience.**

**2:15pm – York Room, 2nd Floor**

**TECH SKILL LEVEL: Basic**

Most of your colleagues and employees have experienced K-12 education in Maine schools – but what are students learning about computer science, and what should they be learning about it now? Maine computer science teachers will discuss what they teach, and we will engage you in a discussion on how you can become involved in the computer science education of Maine youth. Their future, indeed, our future, depends on it.

Tom Keller, Founder/Director & Maine CSTA Board – STEM Education Strategies LLC
Prema Long, High School Teacher – Wiscasset Middle/H.S
Heather Sinclair, Middle School Teacher – Wiscasset Middle/H.S
Rhonda Tate, STEM Specialist/Maine CSTA Officer – Maine Math and Science Alliance

I.T. MANAGEMENT Track

IT Risk Frameworks: What they are, and how to use them for targeting IT threat mitigation actions

**9:15am – Rhode Island Room, 1st Floor**

**TECH SKILL LEVEL: Intermediate**

Infragard Maine board members will provide an overview of several popular and well tested IT security frameworks. Frameworks, coupled with key technologies and processes support the build out and management of an effective and actionable IT security/risk management program. Presentation materials will include sample models and resources with additional emphasis on building strong partnerships between and within industry groups to ensure best practice alignment.

Frank Appunn, PHD/ Infragard Maine President – Thomas College /Infragard
Barb Armstrong, Sr. Director / Infragard Maine VP – MaineHealth / In fragard
Patricia Bernier, CIO / Infragard Maine Treasurer – Bath Savings / Infragard
Randy Breault, Information Security / Infragard Board Member – Idexx / Infragard
Jockel Carter, Senior Cybersecurity Advisor / Infragard Maine Treasurer – Tyler Technologies / Infragard
The Absolute Simplest Approach to IT Management 11:15am – Rhode Island Room, 1st Floor

TECH SKILL LEVEL: Intermediate

Systems Engineering’s Channing Arndt and Maine Machine Products’ (MMP) Scott Bourget will discuss how and why they established an IT support partnership and then present a case study on the framework our firms leveraged to efficiently and effectively:

1. Evaluate requirements,
2. Develop solutions
3. Prioritize budget, and
4. Ultimately address MMP’s ITAR compliance obligations.

Channing Arndt, Business Development Manager – Systems Engineering
Scott Bourget, CFO – Maine Machine Products

Security is a Mission not an Intermission 9:15am – Kennebec / Lincoln Room, 2nd Floor

TECH SKILL LEVEL: Basic / Intermediate

Turn off your mobile phone, put down your tablet and hear about real world data breaches (not just the big ones that make the 5 O’clock news) but also the APT’s causing the greatest harm. How quickly could your organization be breached? How you could help? Please join our special guest, David Balcar a globally recognized security professional, as he will share with you real world experience in the world of cyber security and remember kids “Security never takes a holiday.” (Oh feel free to tweet!) Be sure to check out some of the latest tools used to compromise networks.

David Balcar, Security Strategist – Carbon Black
Bill Bocash, IT Manager – Stonewall Kitchen

Building Automation into a Cybersecurity Program: 11:15am – Kennebec / Lincoln Room, 2nd Fl.

Tales from the trenches
TECH SKILL LEVEL: Basic

Come to this session to learn about the things you didn’t know you didn’t know about Cybersecurity and hacker attacks. During this session we’ll outline who’s attacking us, why they’re attacking, and how you should be protecting yourself personally and professionally through automated training and governance. You will even learn how to search the Dark Web for your own Compromised data and have an opportunity to discuss the implication of what’s found. New Hampshire business owners and IT managers will discuss building their own automated cybersecurity programs.

Craig Taylor, Co-Founder and Chief Information Security Officer – CyberHoot.com
Heather Ashton, Owner and CEO – Ashton & Company
Brett Clark, Director of Global Network and Architecture – Single Digits
Tim Hurman, IT Manager – Single Digits


TECH SKILL LEVEL: Intermediate

Building a strong enterprise PKI can provide your network significant network security opportunities. Mike and Andy will go through the building blocks of a strong PKI, using the PKI for wired and wireless authentication for end clients, and using PKI for VPN authentication securing the network data plane.

Andy Richter, Senior Solutions Architect – Presidio
Mike Agro, Network Architect – State of Maine
Stop Trying to Make DevOps Happen, or It’s Not Going to Happen!  
9:15am – Cumberland Room, 2nd Floor

TECH SKILL LEVEL: Basic

Instituting DevOps in your Software Development and IT environments can be fraught with peril and pitfalls, especially if the practitioners are consumed by prescribing rigid ideologies, processes, and technologies as solutions to non-existent or far-off problems.

In this presentation we offer a simple alternative: Look for actual problems and offer a willingness to be helpful in order to solve them.

Benjamin Hamilton, Senior DevOps Engineer – BlueTarp Financial
Breanna Veillette, Senior DevOps Engineer – IDEXX Laboratories

Think Before You Ink: Changing the printing culture on a college campus  
11:15am – Cumberland Room, 2nd Floor

TECH SKILL LEVEL: Intermediate

Swapping out a printer fleet for centralized printing is much more than just a technological change. More importantly, it’s a cultural change. Try telling a user that their printer is being removed from their desktop and wait for the reaction. Better have your running shoes on.

Saint Joseph’s College of Maine did just that. Not only did we remove (#)printers and replace them with strategically located high volume printer/copiers, but we fundamentally changed the way all users print. Students, faculty, and staff can now print anywhere on campus from any device using a college ID to log into any printer.

Kareem Myrick, Manager of IT Support Services 2 – Saint Joseph’s College of Maine
John Murray, Network Administrator – Saint Joseph’s College of Maine
Kimberly Post, Director of Community Based Learning, Faculty – Saint Joseph's College of Maine
Kevin Murphy, IT Project Manager – Saint Joseph’s College of Maine

Learn About Blockchain and Quantum Computing  
2:15pm – Cumberland Room, 2nd Floor

TECH SKILL LEVEL: Basic

Want to learn about some up and coming technologies? Come learn how blockchain works and how it is being and going to be used in the next years. Then we will shift gears and get into the impossible world of Quantum Computing where bits are more than ones and zeroes and data can be instantly teleported across the universe.

Rich Casselberry, Security Architect – Liberty Mutual