

NLIT Summit 2019

National Laboratories Information Technology

NLIT Summit 2019

National Laboratories Information Technology

Wednesday, May 29, 2019					
7:00-8:00	Breakfast Room 400				
7:45-8:15	Welcome & Announcements Robert Hillier, <i>INL CIO</i> Room 400				
8:00-8:15	Opening Remarks Gov. Brad Little Room 400				
8:15-9:15	Keynote Kris "Tanto" Paronto Room 400				
9:15-10:00	Vendor Exhibits / Kris "Tanto" Paronto Book Signing				
	Room 140	Room 110A	Room 110B	Room 110C	Room 110D
10:00-10:40	Cloud Threats And Countermeasures Jeff Schnegelberger, <i>Microsoft</i>	Integrating, Securing, & Managing Enterprise Cloud Services In A Service Brokerage Framework Marshall Holloway, <i>SAIC</i>	Thinking Differently: A New Approach To Cyber Security Education Sandra Briggs, <i>INL</i>	Expanding Our Vision Gary Cook, <i>INL</i>	Cloud Native Architecture For The DoE Enterprise Anthony Ghilarducci, <i>LLNL</i>
10:45-11:25	Creating An Adaptive Security Architecture Framework To Combat Advanced Threats Ashok Sankar, <i>Splunk</i>	Unlocking Insights Of A 1 Trillion Rows Of Data Set Justin WorriLOW, <i>Microsoft</i> Wayne Wilkerson, <i>Microsoft</i>	The Journey To Cost Transparency Jerry Stanley, <i>Pantex</i> Patti Pace, <i>Pantex</i>	Visualizing A Safety Model With R Shiny Adrian Perez, <i>SNL</i> Scarlett Marklin, <i>SNL</i>	Creating A Cloud Transformation Plan From An On-Site Existing Environment Wayne Simpson, <i>INL</i>
11:30-12:10	Mobile Strategies For Digital Workforce Transformation Craig Ano, <i>Samsung</i>	Node Slicing AKA "Router Virtualization" JJ Jamison, <i>Juniper Networks</i>	Bringing Software Asset Management To The Future Le'andrea Gallegos, <i>LANL</i>	Leaning Forward in Security: DOE's Approach to CDM David Seigel, <i>DOE OClO Cybersecurity Operations</i>	Deep Learning As A Tool For Data Analysts Crystal Cheung, <i>SNL</i>
12:10-1:15	Lunch/ Vendor Exhibits				

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	Room 120A	Room 120B	Room 120C	Room 430A	Room 430B	Room 440
10:00-10:40	Oracle Database Performance Metrics Reporting And Alerting Gene Deans, <i>INL</i>	Our Journey Deploying Azure Stack Private Cloud Brandon Showers, <i>SNL</i> Ben Ybarra, <i>SNL</i>	Case Study In Risk Management Process Improvement Laura Carrington, <i>ORNL</i>	National Laboratory Enterprise Architecture Roundtable Brian Vladimiroff, <i>PNNL</i>	National Laboratory Business Relationship Manager Council Roundtable Phil Kuhlman, <i>SNL</i>	
10:45-11:25	Oracle Database Patching Automation HieDi Nelson, <i>INL</i>	Retrofitting Legacy Storage Solutions To Meet Modern Commodity And Scientific Computing Needs Danny Ascione, <i>PPPL</i>	Providing Enterprise Line-Of-Business Workflows In Sharepoint Online Matt Turner, <i>ORNL</i>			
11:30-12:10	Automating Scanning In The Oracle Systems Environment William Mitzmacher, <i>INL</i>	Improving The Nuclear Security Enterprise Through Communications And Infrastructure Modernization At Nevada Ron Duplex, <i>NNSS</i>	Thunderbird UI: Redesigning The Internal Web Of Sandia National Laboratories Ben Brown, <i>SNL</i> Mallory Stites, <i>SNL</i>			
12:10-1:15	Lunch/ Vendor Exhibits					

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	Room 140	Room 110A	Room 110B	Room 110C	Room 110D	
1:15-1:55	Trusted Cloud, Security Practice Guide For VMware Hybrid Cloud - Infrastructure As A Service Daniel Carrol, <i>Dell</i>	The New Normal: They Know Everything About You Grayson Lenik, <i>Spiderlabs</i>	AWE's Extended Information Assurance Lifecycle - The Story Continues... John Pringle, <i>AWE</i>	One Small Step For Man, One Giant Leap For Data Visualization Communication Anthony Beal, <i>CNS DOE</i>	Ornl's Experience Migrating To Office 365 (Panel) Blake Bevard, <i>ORNL</i> Brett Ellis, <i>ORNL</i>	1:15-1:55
2:00-2:40	Build An Iron Man Suit - Not HAL 9000 - How To Use AI And Machine Learning Effectively For IT And Application Operations Ben Newton, <i>Sumo Logic</i>	MISSION IMPOSSIBLE: Building A FEDRAMP High Security Operations Center Darren Van Booven, <i>CRI Advantage, INL</i>	Secure Software Development Practices At Sandia National Laboratories Angela Rivas, <i>SNL</i> Michael Coram, <i>SNL</i>	Viz Wars: Tableau vs. Shiny Dr. Patrick Carlson, <i>SNL</i> Adrian Perez, <i>SNL</i>	Office 365 - Lessons Learned Shannon Havins, <i>INL</i>	2:00-2:40
2:45-3:25	Administering Responsibility Daniel Conrad, <i>Quest Public Software</i>	Supply Chain Threats And Risk Mitigation Jon Amis, <i>Dell</i>	Modeling A NIST 800-30 Risk Register Tool Karl Pommer, <i>LANL</i>	Hubot & Us: Enhancing ChatOps With A Customizable Robot Sidekick James Wernicke, <i>LANL</i>	Escaping The Phoenix Jayson Lane, <i>SNL</i>	2:45-3:25
3:25-4:00	Break / Vendor Exhibits					3:25-4:00
4:00-4:40	High Performance Computing As A Self-Service Chuck Reynolds, <i>Technical Systems Integrators, Inc.</i>	The Data Management Imperative Jonathan Alboum, <i>Veritas</i>	Scalable Automated Malware Analysis Using AssemblyLine John Donaldson, <i>LLNL</i>	EasyIT Storefront - Our 2nd Year. Turning The Terrible Twos Into Terrific. Anita Cdebaca, <i>LANL</i>	Cloudy With A Chance Of Teams Scott Snyder, <i>PNNL</i>	4:00-4:40
4:45-5:25	INL Increases Road Safety And Manages Winter Maintenance Costs With A Watson IoT Advanced Traffic And Weather Visualization Platform Ira Pray, <i>SNL</i> Sarah Lightbody, <i>IBM</i>	From Darkness To Light: Lessons Learned In Developing Flexible Applications For Lab Reviews Diana Thompson, <i>INL</i> Phillip Gaskill, <i>INL</i> Chris Kowalczyk, <i>INL</i>	Building Solid Business Relationships Within Our Laboratories And Organizations - InterLab BRM Council Hector Prado, <i>SLAC</i>	Trusted Hybrid Cloud Architecture And Implementation For Regulated Data (Panel) Michael Bartock, <i>NIST</i>	Challenges Associated With Imaging And Hardware Disabling On Desktops And Laptops Mike Mikus, <i>LANL</i>	4:45-5:25
5:30-7:30	Networking Event <i>Basque Block</i>					5:30-7:30
7:30-9:30	Networking Event <i>Progress to Additional Locations</i>					7:30-9:30

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Wednesday, May 29, 2019 (Continued)

	Room 120A	Room 120B	Room 120C	Room 430A	Room 430B	Room 440	
1:15-1:55	Going From Good To Great! - Setting And Managing Customer Expectations. Tom Seals, <i>SNL</i>	Network Device Configuration Management With Oxidized And Bitbucket Adam Jacobs, <i>SNL</i>	QuickStarter: A Fun Crowd-Sourced Solution To Capture And Fund Innovative Proposal Ideas Andy Piatt, <i>PNNL</i> Dr. Kelly Sullivan, <i>PNNL</i>	National Laboratory Service Now Group Roundtable Jack Schmidt, <i>ANL</i>		National Laboratory Chief Data Officer Meeting Pamela Isom, <i>DOE OCIO</i>	1:15-1:55
2:00-2:40	Five Things We Wish Users Would Stop Doing Lee Neely, <i>LLNL</i> Chelle Clements, <i>LLNL</i>	Turning On The LIGHT For Research And Operations Lynn Pope, <i>INL</i>	The Magical Mystery Tour Of Cultural Change Stephanie Scott, <i>AWE</i> Mark Field, <i>AWE</i>		2:00-2:40		
2:45-3:25	Data Center Modernization And Funding Opportunities Dr. Thomas Harper, <i>PNNL</i> Johnny Dicus, <i>PNNL</i> Brett Platko, <i>PNNL</i>	Network Automation And What Doesn't Work Brian Moraca, <i>LLNL</i> Michael Taylor, <i>LLNL</i>	Mypass Service (YubiKey) Delivers Secure & Hassle-Free Logins At LLNL Neal Mackanic, <i>LLNL</i> Karl Albrecht, <i>LLNL</i>		2:45-3:25		
3:25-4:00	Break / Vendor Exhibits						3:25-4:00
4:00-4:40	Joval: A RHEL-Volution Jimmy Ly, <i>LANL</i>	Rapid Application Delivery & Automation Patrick Gunerud, <i>INL</i>	All-Seeing Eye Or Blind Man: Understanding The Linux Kernel Auditing System David Kennel, <i>LANL</i>				4:00-4:40
4:45-5:25	Women In Technology & Why It Is Important Susmitha Bodge, <i>PPPL</i>	School Of Phish Tomm Larson, <i>INL</i> Rebecca Rutherford, <i>LANL</i> Brenda Ianiro, <i>LLNL</i>	Configuration Management And Agent Madness Dan Gossens, <i>LANL</i>				4:45-5:25
5:30-7:30	Networking Event <i>Basque Block</i>						5:30-7:30
7:30-9:30	Networking Event <i>Progress to Additional Locations</i>						7:30-9:30

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8:15-9:15	Keynote Captain D. Mike Abrashoff Room 400			
9:15-10:00	Vendor Exhibits / Captain D. Mike Abrashoff Book Signing			
	Room 140	Room 110A	Room 110B	Room 110C
10:00-10:40	Data Spill Cleanup - What's SSD Got To Do With It? Mike Waksman Jetico, <i>BC Wipe</i>	Leveraging Change Management In ServiceNow To Improve Operational Stability D. Marc Stearman, <i>LLNL</i>	From Planning To Implementation And 1 Year Later: Next-Gen Endpoint Protection Update Blake Bevard, <i>ORNL</i> Larry Nichols, <i>ORNL</i>	Now You're Playing With Power-Bi! Brian Vladimiroff, <i>PNNL</i>
10:45-11:25	Balancing Zero Trust With A Strong Identity Governance Strategy Frank Briguglio, <i>Sailpoint</i>	Using Dcim Tools To Manage 115+ Network Closets And Multiple Data Centers Ralph Wescott, <i>PNNL</i>	Cross-Site Request Forgery Challenges And Solutions Michael Coram, <i>SNL</i>	Providing Insight Into Business Information Larry Seid, <i>PNNL</i>
11:30-12:10	Why You Need Comprehensive Visibility: Holistic Security Using Hybrid Collection Methods Steven Tipton, <i>Tripwire</i>	Batch Encoding Smart Card Credentials For New Employees Michael Alexander, <i>KCNSC</i>	Consequence-Based Analysis On Cybersecurity Threats To High Power Electric Vehicle Charging Stacey Cook, <i>INL</i>	ORNL/INL Enterprise Cloud Reporting Matt Stoddard, <i>INL</i> Alan Guy, <i>INL</i> Steve Marshall, <i>INL</i>
12:10-1:15	Lunch/ Vendor Exhibits			
1:15-1:55	Applying Machine Learning To Empower Att@Ck Detection Orion Cassetto, <i>Exambeam</i>	Integrating Microsoft Update Rings Into Our Deployment Lifecycle Will Jorgensen, <i>PNNL</i>	Automating Burp Suite Application Security Scanning Roy Life, <i>SNL</i> Gail Berry, <i>SNL</i>	INL Data And Analytics Architecture Maturity Assessment Matt Stoddard, <i>INL</i> Carl Fennen, <i>INL</i>

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9:15-10:00	Vendor Exhibits / Captain D. Mike Abrashoff Book Signing				
	Room 110D	Room 120A	Room 120B	Room 120C	Room 430A
10:00-10:40	When Supporting A High-Performing Enterprise Development Team, Step Beyond The Basics Andrew Brungard, <i>SNL</i> Brandon Blair, <i>SNL</i>	Designing Security Into Software Systems Using Threat Modeling Gary Huang, <i>SNL</i>	Sharepoint Security - Best Practice Audrie Aragón, <i>SNL</i>	Using Awareness And Training To Enable Secure Software Development At Sandia National Laboratories Angela Rivas, <i>SNL</i>	
10:45-11:25	Orchestrating Office 365 Migrations James Smart, <i>BNL</i>	Virtual Desktops, Myths, Assumptions, Considerations. A Model For All Size Organizations Don Mendonsa, <i>LLNL</i>	Next Generation Voice Brad Brothers, <i>LANL</i>	Sandia Insight - A Data Sciences Architecture And Framework Larry Arellano, <i>SNL</i> Dr. Patrick Carlson, <i>SNL</i>	
11:30-12:10	How Green Is Your Cloud? Cate Berard, <i>DOE</i>	AWE - Road To Cloud And Automating Security John Pringle, <i>AWE</i> Nick Jones, <i>AWE</i>	Three Critical Considerations For Adopting Immersive Technology April Suknot, <i>SNL</i>	Revamping Your Service Catalog Pamela Harris, <i>LLNL</i> Louella Panaga, <i>LLNL</i>	
12:10-1:15	Lunch/ Vendor Exhibits				
1:15-1:55	The Evolution Of Public Cloud Robert Malone, <i>SNL</i>	Architecting IoT Capabilities As A Cloud Based Institutional Service At LLNL Ash Ansari, <i>LLNL</i> Greg Herweg, <i>LLNL</i>	How Do We Work? Managing Core Lifecycles For Highly Integrated Work Processes Ronald Turner, <i>PNNL</i> Brian Vladimiroff, <i>PNNL</i>	Shifting Security To The Left In The Application Development Life Cycle Drew Christensen, <i>PNNL</i> Aaron Thronas, <i>PNNL</i>	

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Thursday, May 30, 2019 (Continued)

	Room 140	Room 110A	Room 110B	Room 110C	
2:00-2:40	Scaling X.509-Based Identities For Devops And Multi-Cloud Agility Michael Thelander, <i>Venafi</i>	Devops A Dev Teams' Journey Andrew Steele, <i>SNL</i> Nick Bachicha, <i>SNL</i>	Printer No Phone Home Mark Timms, <i>SNL</i> Brian Wright, <i>SNL</i>	NNSA IT In 2035? Jon Arlotti-Parish, <i>NNSA</i>	2:00-2:40
2:45-3:25	Proactively Automates It Asset Management (ITAM) And Protect Against Cyber Risks Matt Crawford, <i>Flexera</i>	Deploying Linux Virtualization, Utilizing Zero Clients In A Secure Private Cloud Computing Environment Judy Hamilton, <i>LANL</i> Chris Stephens, <i>LANL</i>	The Journey To An Effective Vulnerability Management Program Paul Martinez, <i>INL</i> Kimberly Boyd, <i>INL</i> Eric Darrington, <i>INL</i>	Good Communication Doesn't Just Happen; It Is The Result Of Good Design Brian Andrews, <i>CNS DOE</i> Anthony Beal, <i>CNS DOE</i>	2:45-3:25
3:25-4:00	Break/Vendor Exhibits				3:25-4:00
4:00-4:40	Faster Incident Response And Threat Detection With Open Source Search Kevin Keeney, <i>Elastic</i>	Cohesity: Cutting Edge Backups And Disaster Recovery Justin Franklin, <i>INL</i>	End-User Security: A Cornerstone Of Defense-In-Depth Cybersecurity Solutions Jessie Pudelek, <i>FNAL</i> Kevin Hill, <i>FNAL</i>	Streaming Deep Learning Image Analysis Pipeline Justin Almquist, <i>PNNL</i> Gideon Juve, <i>PNNL</i>	4:00-4:40
4:45-5:25	The State Of IT Automation/AI Ops Greg Orstrowski, <i>App Dynamics, a Cisco company</i>	Software Testing; From Stock Applications To Laboratory Production And Beyond Danny Baisden, <i>LANL</i>	ServiceNow At ORNL - Built To Work The Way ORNL Works Paige Stafford, <i>ORNL</i>	Navigating Your It Career At A National Laboratory Lisa Belk, <i>LLNL</i> Laura Charles, <i>SNL</i> Carl Fennen, <i>NIL</i> Jeromy Markwort, <i>PNNL</i> Brian Martinez, <i>LANS</i> Tania Sanchez, <i>LANS</i>	4:45-5:25
5:30-8:30	Networking Event Idaho Botanical Garden (<i>bus transportation provided</i>)				5:30-8:30

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Thursday, May 30, 2019 (Continued)

	Room 110D	Room 120A	Room 120B	Room 120C	Room 430A	
2:00-2:40	From Egg To Chicken: A Cloud Native Incubator Case Study Scott Milliken, <i>ORNL</i>	Detecting Cyber Physical Attacks In ICS Using A Dilated Deep Convolutional Neural Network Dr. Hoda Mehrpouyan, <i>Boise State University</i>	Contract Management Through Balanced Scorecard Goldie Mitchell, <i>SNL</i> Tracy Ray, <i>SNL</i>	Design System For Custom Application Development At PNNL Geoffrey Elliott, <i>PNNL</i>	National Laboratory Business Intelligence And Data Analytics Group Matt Stoddard, <i>INL</i>	2:00-2:40
2:45-3:25	Moving To The Cloud - It's A FedRAMP World Or Is It? Lee Neely, <i>LLNL</i>	SDN For Energy Delivery Systems Surya Singh, <i>PNNL</i>	Enterprise Service Management - It And Beyond Hadas Niv, <i>SLAC</i>	Remote Access With Conditional Access, AAP And PIV Authentication Will Jorgensen, <i>PNNL</i>		2:45-3:25
3:25-4:00	Break/Vendor Exhibits					3:25-4:00
4:00-4:40	Providing Energy Efficiency In High Performance Computers And Data Centers Steve Bruno, <i>DOE</i>	OST Cyber Active Security Doctrine Jon Byrd, <i>NNSA</i> Austin Eickman, <i>NNSA</i>	DevOps: Definition And Service Elton Cranfill, <i>ORNL</i>	Rapid Response To It Emergencies Alex Fischer, <i>SNL</i> Moises Capetillo, <i>SNL</i> Maritza Franco, <i>SNL</i>		4:00-4:40
4:45-5:25			Not "Business As Usual" Cameron Gull, <i>INL</i>	Secure Collaboration Dallas Sacca, <i>ORNL</i>		4:45-5:25
5:30-8:30	Networking Event Idaho Botanical Garden (<i>bus transportation provided</i>)					5:30-8:30

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8:15 – 9:15					Keynote Dr. Randii Wessen, NASA JPL Room 400				
	Room 140	Room 110A	Room 110B	Room 110C					
9:15-10:00	Business Student To IT: Students Share Lessons Learned (Panel) Andrew Brungard, SNL Brandon Blair, SNL	Software DevOps Traceability: Automated Release Notes Jonathan Saiz, SNL	The Future State Of IT Project Management Nick Miller, INL	CloudReady@PNNL: Building Our Enterprise Cloud Foundation David Miller, PNNL					9:15-10:00
10:00-10:40	Business Student To IT: Lessons Learned From Mentoring Students Making The Jump (Panel) Andrew Brungard, SNL Brandon Blair, SNL	National Labs Discussion Of Cloud Computing Lessons Learned And Opportunities Spencer Jackson, INL	Building A Labwide IT Asset Management Process Jack Schmidt, ANL	End User Managed Service Partnership - Argonne's Journey Jim Dust, ANL					10:00-10:40
10:45-11:25	MS-ISA Mentoring Group Andrew Brungard, SNL Brandon Blair, SNL	Adding Automation Into A Diverse Development Ecosystem Troy Grover, INL	Choosing Static Application Security Testing Tools Roger Hartley, SNL	Building A CMDB- This Time For Sure! Jack Schmidt, ANL					10:45-11:25
11:30-12:10					Drawings And Awards/Lunch				

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8:15 – 9:15				Keynote Dr. Randii Wessen, NASA JPL Room 400			
	Room 110D	Room 120A	Room 120B	Room 120C			
9:15-10:00	Enabling The NNSA Enterprise Environment Jon Artotti-Parish, NNSA	Benchmarking DevSecOps Using Enterprise Search At Sandia National Laboratories Laritz Saenz, SNL	Transforming Inefficient Data Centers Into Modern, Condensed, And Cloud-Ready Computing Centers Danny Ascione, PPPL	Migrating 0365 From ADFS To Ping Federate Kevin Conway, FNAL			9:15-10:00
10:00-10:40	Improving The Software Delivery Life Cycle Through Automation And Analytics Vincent Urias, SNL		CodeVision Robert Morning II, LANL Irene Fang, LANL	ORNL: Strengthening Cyber Security By Leveraging Elasticsearch Larry Nichols, ORNL			10:00-10:40
10:45-11:25	Implementing The Yubikey At Fermilab Al Lillianstrom, FNAL Saul Gonzalez, FNAL	DevOps And Enterprise Asset Management System Development Kaleb Houck, INL Patrick Gunerud, INL	Transforming Internal Web Development At Sandia Lanny Gilbertson, SNL Cara Corey, SNL	Empowering All Staff To Engage In Combating Device Risk Chad Deguira, ORNL			10:45-11:25
11:30-12:10				Drawings And Awards/Lunch			

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