

**Thursday, January 4th - Conference Breakout Sessions**

Tracks Time	Cyber Pathways Room: Cakebread	Industry Partners Room: Silver Oak/Jordan	Best Practices Room: Opus One	Technical Topics Room: Beringer	Cyber Security Room: Caymus	WORKSHOPS Room: Kistler
7:45 – 8:30	Breakfast - Silver Oak/Jordan					
8:30 – 10:20	<p align="center"><b>WELCOME ADDRESS:</b> Karen and Richard "Introducing George Ward, NetAcad Founding Engineer"</p> <p align="center"><b>KEYNOTE:</b> Greg Prynne, Senior Director, Corporate Affairs, Cisco Systems, Inc. "The Digital Tsunami: Securing the Wave of Internet of Things"</p> <p align="center"><b>KEYNOTE:</b> Hank Preston, Cisco DevNet Team "How to be a Network Engineer in a Programmable Age"</p>					
10:30 – 11:20	"Answering the Call: Emergent Cyber Security Demands & CA-Cyberhub" – Donna Woods, Moreno Valley Unified School District	"IoT and IT Pros" – Stephen Schneider, CompTIA	"How to Successfully Leverage Professional Associations" – Anna Carlin, Fullerton College	"Teaching IoT: Design Thinking and End-to-End Visualization" – Dennis Frezzo, Cisco/CCSF	"CCNA CyberOps: Defending the Network" – Nilay Ghoghari, Cisco Systems	<b>WORKSHOP:</b> "Network Programmability in a DevOps World" – Adrian Ilesiu, Cisco DevNet
11:30 – 12:20	"Establishing Career Pathways & Career Clusters for Cybersecurity" – Chuck Bales, Moraine Valley Community College	"Network Resilience: The New Vision for Cybersecurity" – Stephen Schneider, CompTIA	"The Latest Business-Led Curriculum for IT and Communications with Cyber Infusion" – Ann Beheler, Collin College (National CTC)	"Packet Tracer Activity Wizard" – Bob Samson and Dennis Frezzo	"Compliant But Breached" – Anna Carlin, Fullerton College	
12:30 – 1:20	Lunch - Silver Oak/Jordan					
1:30 – 2:20	"Cyber Apprenticeship: How it Works" – Nancy Jones and Tobi West, Coastline College	"Forging Data Science Skills with Dell EMC and NDG NETLAB+" – Kim Yohannan, Dell EMC and NDG	"A National First: State of California IT Apprenticeship" – Julie Whitten, Government Operations Agency, State of CA	"NetAcad Technical Update and Q&A" – Echo Rantanen, Cisco Systems	"Cyber Security for Industrial Control Systems" – Rafat Elsharef, Milwaukee Area Technical College	<b>WORKSHOP:</b> "Practical Malware Analysis" – Sam Bowne, CCSF
2:30 – 3:20	"How To Develop Cybersecurity Athletes" – Dan Manson, Cal Poly Pomona	"Teach the Next Big Thing: Virtualization and Digital Workspace Technology" – Susan Coefield, VMware, Inc. and NDG	"Increase Female Interest and Enrollment in Computer Information Technology (CIT)" – Chenchutta Jackson, Volunteer State Community College	"Programming for Networking & IoT: A New Frontier" – Nilay Ghoghari, Cisco Systems	"How Secure is your Bank Account Connection from Starbucks: Understanding SSL/TLS" – Joseph Vogtembing, Prince George's Community College	
3:30 – 4:20	"Infusing Vital Employability Skills Into Cybersecurity Programs" – Dan Manson, Cal Poly Pomona	"Network Deployments for Specialized Environments" – John Grindley, Straight Up Technologies	"Driving Engagement Amongst Youth of Color in Tech" – Madeira Dynes, Hack the Hood	"Updates for NDG NETLAB+ labs and courses" – Rich Weeks, Network Development Group	"Have My Smart Lightbulbs Been Weaponized" – David Zeichick, California State University, Chico	<b>WORKSHOP:</b> "Programming Smart Devices in Cisco Packet Tracer" – Echo Rantanen, Cisco Systems
4:30 – 5:20	"Cyber Defense Competitions and Higher Education" – Irvin Lemus, Cabrillo College & BACCC	"Get Started with Image Recognition with Apache Spark" – Dave Nielsen and Ashley Zhao, Intel Software	"Bridging The Gap Between Manufacturing Industries And Engineering Education" – Wilkistar Otieno, Naira Campbell-Kyureghyan, and Rafat Elsharef, from UWM, and Michael Cook, Rockwell Automation	"Hardening Your Linux System: An Introduction to SELinux" – Trevor Chandler, Lonestar College	"Why Teach Cyber Security - Virtual Tour of Microsoft's Security and Response Center" – Douglas Spindler, College of Marin	
5:30 – 8:30	Networking Reception at Crowne Plaza San Jose/Silicon Valley					

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**Friday, January 5th - Conference Breakout Sessions**

<b>Tracks Time</b>	<b>Cyber Pathways</b> Room: Cakebread	<b>Industry Partners</b> Room: Silver Oak/Jordan	<b>Best Practices</b> Room: Opus One	<b>Technical Topics</b> Room: Beringer	<b>Cyber Security</b> Room: Caymus	<b>WORKSHOPS</b> Room: Kistler
<b>7:45 – 8:30</b>	Breakfast - Silver Oak/Jordan					
<b>8:40 – 10:20</b>	<b>WELCOME ADDRESS:</b> Steve Wright, State Director & Sector Navigator ICT & Digital Media, California Community Colleges <b>KEYNOTE:</b> Howard Charney, SVP, Office of the Chairman & CEO @ Cisco, "Megatrends" <b>KEYNOTE:</b> Laura Chappell, Wireshark University, "TBA"					
<b>10:30 – 11:20</b>	"Increasing STEM Participation Through Competition" – Carey Peck, LAUSD, CyberPatriot Program	"Wireshark" – Laura Chappell, Wireshark University	"Learning Portfolio & Platform Overview" – Barbara Termaat, Cisco Systems	"Audio Networking: Facts and Fiction" – Andrew Maz, Cerritos College	"Benefits of the NSA/DHS Centers of Academic Excellence Program" – Stanley Kostka, Moraine Valley Community College	<b>WORKSHOP:</b> "Hands-On Introduction to Cisco's IoT Fundamentals Curriculum" – Kerry A. Bruce, WASTC Instructor Trainer/CNM
<b>11:30 – 12:20</b>	"CyberSecurity Education: Make Learning Coding Great Again!" – Oner Celepcikay, Wharton County Junior College	"Bridging the Gap Between Education and Industry in the Digital Transformation" – Trisha Turlington, Red Hat	"DevOps Nation: A Regional Collaborative Degree & Certificate Program" – Courtney Brown, Merritt College	"Future of Networking" – Rick Graziani, Cabrillo College	"NSA CAE Centers Regional/National Resource Centers" – Corrinne Sande and Nancy Jones, CyberWatch West and Coastline College	
<b>12:30 – 1:20</b>	Lunch - Silver Oak/Jordan					
<b>1:30 – 2:20</b>	"CyberTech Girls" – Tobi West, Coastline College	"The Ever-Changing Landscape of Skills for the Cybersecurity Super Hero" – Stephen Schneider, CompTIA	"Incorporating Secure Coding Concepts in the Curriculum" – Rajiv Malkan, Lone Star College - Montgomery	"Azure Workshop - Learn the Basics of Azure in an hour" – Douglas Spindler, College of Marin	"The C5 Cybersecurity Curriculum Materials" – Melissa Dark, Purdue University (C5)	<b>WORKSHOP:</b> "Teaching the Internet of Things Has Just Become Far More Interesting" – William Saichek, Orange Coast College
<b>2:30 – 3:00</b>	Event Closing and Raffle - Silver Oak/Jordan					



**Cisco Press**

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