

# SSC Cyber Expo

Date November 9-10, 2022 - Unclassified event

## Theme: The Threat is Real

Sessions will be held in the Gordon Conference Center and broadcast online

Virtual Environment URL: <https://event.vconferenceonline.com/microsite/html/event.aspx?id=2147>

### DAY 1 - Nov 9, 2022

Time	Topic
0755	<b>Event Start</b> <b>MC: Dr. Vincent Nestler</b> , Dr. Vincent Nestler, Associate Professor, CSUSB
0800 - 0810 (10 mins)	<b>Welcome remarks by Space Systems Command (SSC) Commander</b> <b>Briefer:</b> Lt General Michael Guetlein, SSC Commander
0810 - 0820 (10 mins)	<b>Kick-off remarks by Chief Information Office (CIO) Leadership</b> <b>Briefer:</b> Colonel Jennifer Krolkowski, SSC S6, CIO
0820 - 0840 (20 mins)	<b>Keynote:</b> Critical Infrastructure Resilience Hinges on Cyber-Physical Convergence <b>Briefer:</b> Dr. David Mussington, Executive Assistant Director for Infrastructure Security, CISA (remote)
0840 - 0900 (20 mins)	<b>Break &amp; Vendor Expo</b> Schriever Courtyard
0900 - 1400 (5 hours) Runs concurrently with the Cyber Expo	<b>Capture the Flag Event</b> <b>Location:</b> Building 272, Room 201/202 <b>POC:</b> Jhorda Funes, Aerospace Corp. Working as a team or by themselves, participants will solve a series of challenges both on a simulated ground system and an engineering model of a payload now flying on Aerospace's Slingshot spacecraft. Along the way, they'll have a chance to learn about the intersection of space and cyber, and how we can defend our space systems against cyber attacks.
0900 - 1400 (5 hours) Runs concurrently with the Cyber Expo	<b>Cyber Petting Zoo - hosted by PNNL and CSUSB</b> <b>Location:</b> GCC Area 1 <b>POC:</b> Lori Ross O'Neil, PNNL Come see, touch, and try out new technology and capabilities.

0900 - 1000 (60 mins)	<p><b>Panel Topic:</b> Challenges of Space Operations: Building Partnerships</p> <p><b>Moderator:</b> Capt Donovan Moss, Chief of User Experience, SSC/CIO</p> <ul style="list-style-type: none"> <li>• Erin Miller, Executive Director Space-ISAC (remote)</li> <li>• Maj Gen (Ret) Sandy Finan, Strategic Advisor, Pacific Northwest National Laboratory (remote)</li> <li>• Qiana Winn, CEO, Quantum Technical Solutions (remote)</li> <li>• Gregory Falco, Cybersecurity Professor, Johns Hopkin (remote)</li> <li>• Tyler Bernstein, Co-Founder and CEO, Zeno Power</li> </ul>
1000 - 1015 (15 mins)	<p><b>Break &amp; Vendor Expo</b> Schriever Courtyard</p>
1015 - 1100 (45 mins)	<p><b>Topic:</b> SSC's High Fidelity Space Cyber Test Range</p> <p><b>Briefers:</b></p> <ul style="list-style-type: none"> <li>• Katy Bragg, SCTR Project Manager, PNNL</li> <li>• Surya Singh, Principal Investigator, PNNL</li> <li>• Matthew Davis, Sr Staff, Johns Hopkins</li> </ul>
1100 - 1200 (60 mins)	<p><b>Panel Topic:</b> Workforce Development and Education Across Agencies</p> <p><b>Moderator:</b> Capt Grace Morrison, 61st Medical Squadron</p> <ul style="list-style-type: none"> <li>• Matthew Isnor, Chief, Cyber Workforce Development for DOD CIO</li> <li>• Lynne Clark, Chief for Center of Innovation and Outreach, National Cryptographic University</li> <li>• Dr. Heather Wilson, President, University of Texas at El Paso</li> <li>• Marian Merritt, Deputy Director NICE, NIST</li> <li>• Safi Mojidi, Founder and Executive Director, Hacking the Workforce (remote)</li> </ul>
1200 - 1300 (60 mins)	<p><b>Lunch break &amp; Vendor Expo</b> Schriever Courtyard</p>
1300 - 1400 (60 mins)	<p><b>Panel Topic:</b> SSC CHIRP Internship Program with Student Research Presentations</p> <p><b>Moderator:</b> 1st Lt Franchette Brosoto, SSC S6/CIO Cyber Technology Engineer</p> <ul style="list-style-type: none"> <li>• Dennis Graves, Space Force Cross-mission Cyber Lead, Office of CIO</li> <li>• Dr. Vincent Nestler, CSUSB CHIRP advisor</li> <li>• Penny McKenzie, CHIRP Project Manager, PNNL</li> <li>• Dr. Heather Wilson, President, University of Texas at El Paso</li> <li>• Abigail Gutierrez-Deniz, CHIRP Intern, CSUSB</li> <li>• Jason Handen, CHIRP Intern, CSUSB</li> <li>• Aubrie Kendall, CHIRP Intern, CSUSB</li> <li>• Darlene Tarin, CHIRP Intern, CSUSB</li> </ul>
1400 - 1450 (50 mins)	<p><b>Topic:</b> No Experience Required: Addressing the Cybersecurity Skills Gap and Expanding Career Pathways</p> <p><b>Briefer:</b> Clar Rosso, CEO (ISC)<sup>2</sup> (Remote)</p>
1450 - 1510 (20 mins)	<p><b>Hack-a-Sat Outbrief</b></p> <p><b>Briefers:</b></p>

	<ul style="list-style-type: none"> <li>• Capt Elijah Williams, Space Security Challenge Program Manager, SSC Cyber Ops</li> <li>• Capt Kevin Bernert,</li> <li>•</li> </ul>
1500 - 1515 (5 mins)	<b>Closing Remarks and Capture the Flag Winner Announcement by SSC Leadership</b>  <b>Briefer:</b> Charlie Brown, Deputy CIO SSC
1515	<b>Event End</b>

## DAY 2 - Nov 10, 2022

Time	Topic
0755	<b>Event Start</b>  <b>MC: Dr. Vincent Nestler,</b> Dr. Vincent Nestler, Associate Professor, CSUSB
0800 - 0810 (10 mins)	<b>Welcome remarks by SSC Leadership</b>  <b>Briefer:</b> Charlie Brown, Deputy CIO SSC
0810 - 0900 (50 mins)	<b>Panel Topic:</b> Cross-Sector Dependencies and Vulnerabilities in Critical Infrastructure  <b>Moderator:</b> 1st Lt Taylor Arias, SSC <ul style="list-style-type: none"> <li>• Munish Walther-Puri, Former Director of Cyber Risk NYC Cyber Command</li> <li>• Danielle Jablanski, OT Cybersecurity Strategist, Nozomi Networks (remote)</li> <li>• Ayan Islam, Associate Policy Director, Cybersecurity and Emerging Threats, R Street Institute (remote)</li> <li>• Norma Krayem, Vice President and Chair, Cybersecurity, Privacy &amp; Digital Innovation Practice, Van Scoyoc Associates</li> <li>• Will Loomis, Associate Director of the Cyber Statecraft Initiative, Atlantic Council (remote)</li> </ul>
0900 - 1400 (5 hours)  Runs concurrently with the Cyber Expo	<b>Cyber Petting Zoo - hosted by PNNL and CSUSB</b>  <b>Location:</b> GCC Area 1  <b>POC:</b> Lori Ross O'Neil, PNNL  Come see, touch, and try out new technology and capabilities.
0900 - 1000 (60 mins)	<b>Panel Topic:</b> Cyber Leadership: What keeps you up at night and what gets you up in the morning?  <b>Moderator:</b> Colonel Jennifer Krolkowski, SSC S6, CIO <ul style="list-style-type: none"> <li>• Tom Clapper, ISSM Classified Programs, SpaceX</li> <li>• Dennis Graves, Space Force Cross-mission Cyber Lead, Office of CIO</li> <li>• Vishal Amin, Senior Director, Microsoft</li> <li>• Bill Harrod, CISSP, CTO, Ivanti</li> <li>• Jena Peoples, CEO Black Oak Security</li> </ul>

	<ul style="list-style-type: none"> <li>● Neelam Sandhu, Senior VP Sustainability &amp; Chief Elite Customer Success Officer, Blackberry</li> </ul>
1000 - 1015 (15 mins)	<b>Break &amp; Vendor Expo</b> Schriever Courtyard
1015 - 1100 (45 mins)	<p><b>Topic:</b> Applying Zero Trust to Space Systems</p> <p><b>Briefer:</b> Andrew Walther, Associate Principal Director, Aerospace Corporation</p>
1100 - 1200 (60 mins)	<p><b>Panel Topic:</b> How Supply Chain Security can Prevent the next Big Threat</p> <p><b>Moderator:</b> Capt Ryan Holte, Program Manager, SSC CIO</p> <ul style="list-style-type: none"> <li>● Dr. Jessica Smith, Space Cyber SCRM Expert, PNNL</li> <li>● Matt Myhra, Cyber Security Engineer/Supply Chain Risk Manager, SSC/CIO</li> <li>● Chadwick Eugene Thresher, Head of Information Assurance, SpaceX</li> <li>● Andrew Daly, VP of Product, 202 Group</li> </ul>
1200 - 1210 (10 mins)	<p><b>Closing Remarks by SSC Leadership</b></p> <p><b>Briefer:</b> Colonel Jennifer Krolikowski, SSC S6, CIO</p>
1210 - 1400	<b>Lunch/Vendor Expo</b> Schriever Courtyard
1400	<b>Event End</b>