

# Program Book

CYBERCON  
■■■■ 2023 ■■■■

October 3-4, 2023

# WELCOME



We are excited for our sixth annual CyberCon at Bismarck State College! As the needs of cybersecurity and critical infrastructure continue to be intertwined, we are grateful for the opportunity to come together and learn about these important topics as a community. The world has seen no shortage of change since we held our first CyberCon in 2018, and we continue to learn lessons about how much resilience human beings can show in the face of adversity. Our truest test comes not from how we deal with success, but from how we deal with the unexpected.

We plan to provide a dynamic and engaging conference, with a great lineup of speakers from the public and private sector. From day one our intention has been to offer an event for industry/government and students to collaborate and learn about both cybersecurity and critical infrastructure. Please review the agenda in this program book or the Guidebook conference app. Also, don't forget to visit our sponsors and network with peers between sessions. I challenge you to make new connections during this year's event.

Thanks to all who contributed to making this happen, including Bismarck State College, our sponsors, fellow members of the planning committee, community volunteers, our speakers, but most of all, thanks to you our attendees. Without you this would not happen! Have a great event and we look forward to seeing you back next year.

**CYBERCON**  
■■■■ 2023 ■■■■

*Troy Walker*

2023 Chairman  
Dakota Carrier Network

*Thank you*



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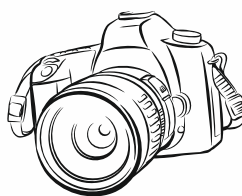
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**guidebook**



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## HEADS-UP!

A photographer will be present at CyberCon 2023. If you do not wish to be in photos, please grab a red wristband from the registration desk.



# Agenda

## TUESDAY, OCTOBER 3

11:00 am	Registration Check-in Lunch for Registered Participants	4th Floor Foyer
11:45 am – 12:30 pm	Event Kick-off: Troy Walker, Dakota Carrier Network, CyberCon 2023 Chair Welcome: Dr. Douglas Jensen, President, Bismarck State College	Main Stage – Bavendick Stateroom
12:30 pm – 1:30 pm	Opening Keynote: <i>Selling Ownership in Security and Threat Management</i> Robert Gaskamp, True Companies	Main Stage – Bavendick Stateroom
1:45 pm – 2:30 pm	<i>Breakout Set A</i> <i>IT in North Dakota Looking Forward</i> Kuldip Mohanty, State of North Dakota <i>Guarding the Flow: Combating Oil and Gas Theft and Crime</i> Nolan Canright, Continental Resources <i>DHS Community Awareness Briefing (CAB)</i> Tom Reis, NDDes/NDSLIC/DHS <i>Securing the Electrical Grid on the Cyber Front</i> Kent Kensmoe, Capital Electric Cooperative	Main Stage – Bavendick Stateroom Basin Auditorium (NECE 304) Rooms 431/433 Rooms 436/443
2:30 pm – 3:00 pm	Break with Sponsors Sponsored by:  <b>live first</b>	Bavendick Stateroom
3:00 pm – 3:45 pm	<i>Breakout Set B</i> <i>Modern Hackery: A Look At Current Breaches Through An Attacker's Eyes</i> – Jason Lang, TrustedSec <i>Cyber Threats: An FBI Perspective</i> – John Ianarelli, FBI (Retired) <i>The Future of Cybersecurity: Trends You Should Know and Monitor</i> Jon Waldman, SBS CyberSecurity <i>[Dis]assembling NDIT's Malware Analysis Program</i> Kate Lucero, NDIT	Main Stage – Bavendick Stateroom Basin Auditorium (NECE 304) Rooms 431/433 Rooms 436/443
4:00 pm – 4:45 pm	<i>Breakout Set C</i> <i>Pipeline Safety from the North Dakota Pipeline Association (NDPA)</i> Randall Duncan, ND Pipeline Authority by Paradigm <i>Unit 42 Current Threat Assessment &amp; Predictions</i> Shawn Fleury, Palo Alto Networks <i>AI, Quantum Computing and Their Impacts on Security and Society</i> Jeremy Straub, NDSU <i>Incident Response Playbook 101</i> – Yaamini Mohan, Dell Technologies	Main Stage – Bavendick Stateroom Basin Auditorium (NECE 304) Rooms 431/433 Rooms 436/443
4:50 pm – 5:15 pm	Closing: Troy Walker, Dakota Carrier Network, CyberCon 2023 Chair	Main Stage – Bavendick Stateroom

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# WEDNESDAY, OCTOBER 4

7:30 am	Breakfast	Sponsored by: <b>DOOSAN</b>	4th Floor Foyer
8:00 am – 8:15 am	Day 2 Welcome: Troy Walker, Dakota Carrier Network, CyberCon 2023 Chair		Main Stage – Bavendick Stateroom
8:15 am – 8:30 am	<i>Cyber Madness &amp; Youth Competitions</i> Tony Aukland, NDIT		Main Stage – Bavendick Stateroom
8:30 am – 9:30 am	Day 2 Keynote: <i>Five Thousand Interviews: What I've learned About Cybersecurity</i> – Dave Bittner, host "The CyberWire Podcast"		Main Stage – Bavendick Stateroom
9:45 am – 10:30 am	<i>Breakout Set D</i> <i>Building a World Class Cyber Operations Center</i> Michael Gregg, NDIT <i>Electric Sector: Substation Security and Emergency Management Overview</i> – Warren LaPlante, ALLETE <i>Assumed-Breach Testing: Why You Should Test as if a Hacker was Already in Your Network</i> – Jon Waldman, SBS CyberSecurity		Main Stage – Bavendick Stateroom Basin Auditorium (NECE 304) Rooms 431/433
10:30 am – 11:00 am	Break with Sponsors		Bavendick Stateroom
11:00 am – 11:45 am	<i>Breakout Set E</i> <i>CbryeScretuiy: Nkwo Hte Ismsoin</i> – Slade Griffin, Contextual Security <i>Cyber Shadows: Unveiling the Enigma of Generative AI in the Haunted Halls of GRC</i> – Uriah Burchinal, eMed Digital Healthcare <i>Living on the Internet: Public IPs and Alternative Authentication</i> Tim Jensen FOCUS GROUP: <i>Whole State of Cybersecurity</i> – Jessica Newby, NDIT	<i>Slade's session will not be streamed, per speaker request.</i>	Main Stage – Bavendick Stateroom Basin Auditorium (NECE 304) Rooms 431/433 Rooms 436/443
11:45 am – 12:15 pm	Lunch	Sponsored by: <b>DCN</b> Dakota Carrier NETWORK	Main Stage – Bavendick Stateroom
12:15 pm – 1:00 pm	<i>Love as a Business Strategy</i> Mohammed Anwar & Chris Pitre Softway and Culture+		Main Stage – Bavendick Stateroom
1:15 pm – 2:00 pm	<i>Breakout Set F</i> <i>Artificial Intelligence and Poor Cybersecurity Don't Mix</i> Shawn Riley, BisBlox <i>Physical Security – Is Your Business Ready?</i> Holly Rudnick, Starion Bank <i>The Hackers' AI Playbook</i> – James McQuiggan, KnowBe4 FOCUS GROUP: <i>Ransomware</i> – Michael Gregg, NDIT		Main Stage – Bavendick Stateroom Basin Auditorium (NECE 304) Rooms 431/433 Rooms 436/443
2:15pm – 3:00 pm	<i>Breakout Set G</i> <i>Digital Threat Analysis Center (DTAC)</i> – Nick Monaco, Microsoft <i>Going Active in OT</i> – Garret Bladow, Dragos <i>CS Opportunities for ND Citizens</i> – Jason Mattheis, EduTech FOCUS GROUP: <i>Securing Success: Measuring What Matters in Cyber Defense</i> – Chris Gergen, NDIT FOCUS GROUP: <i>Third Party Risk Management</i> – Josh Kadrmas, NDIT		Main Stage – Bavendick Stateroom Basin Auditorium (NECE 304) Rooms 431/433 Rooms 436/443 Room 103 (first floor)
3:00 pm – 3:30 pm	<i>TechND Presentation of Awards</i> <i>Chairman's Award for Excellence &amp; Student Scholarship recognition</i>		Main Stage – Bavendick Stateroom
3:45 pm – 4:30 pm	<i>Awake the 3-Headed Monster to Thwart Attackers</i> Dd Budiharto, Cyber Point Advisory		Main Stage – Bavendick Stateroom
4:30 pm	Closing: Ben Gates, Steele County Emergency Management, 2024 CyberCon Chair		Main Stage – Bavendick Stateroom



# General Session Speakers



*Robert Gaskamp, True Companies*

**Tuesday Opening Keynote**

## **Selling Ownership in Security and Threat Management**

An impeccable 28 year law enforcement career culminating in retirement from the FBI's elite Behavioral Analysis Unit (BAU) and Behavioral Threat Assessment Center (BTAC). A fully certified, accomplished veteran of the highly acclaimed unit dedicated to the prevention of targeted violence through behavioral based threat assessment and threat management. Strategic and tactical expertise in all types of U.S. based emerging threats of targeted violence requiring expert level involvement. Dependably rising to the challenge in high pressure situations and rapidly changing conditions.

Proven and frequently recognized investigative skills across all FBI programs. Internal and external team builder, developing solutions utilizing available resources. Entrusted with FBI Resident Agency and FBI Task Force leadership, safety, security, compliance and mission accomplishment. Unquestionable integrity, passion, experience and credentials.

Currently a Corporate Director of Physical Security responsible for developing, implementing and administering proactive security plans and operations in the Energy sector (upstream/midstream crude oil), the Financial sector (banking),

the Agriculture sector (farm/ranch/commercial beef), the Transportation sector (interstate commercial trucking and rail facilities) and the Recreation sector (hunting, fishing and mountain recreation) across multiple states.

A hard charging, "boots on the ground" threat mitigator for a wide variety of family owned entities under one corporate umbrella with over 900 employees. Adept at mitigating all physical threats to corporate personnel, assets and infrastructure, including corporate Executives.

Achieving desired results through integration/relationship building and continuous security training of a broad spectrum of white collar, blue collar and no collar employees. Extensively developing local, state and federal law enforcement and regulatory agency liaison relationships.

Skilled at conflict resolution, managing Executive threats such as extortion and stalking, trusted with elevated risk employee terminations, uncovering internal/external fraud, waste and abuse, providing physical security strategies for FDIC banks and proactively confronting various threats to ranching operations, including aggressive counter-poaching tactics to protect natural resources.



*Dave Bittner  
CyberWire*

**Wednesday Morning Keynote**

## **Five Thousand Interviews: What I've learned about cybersecurity.**

Dave Bittner, host of the CyberWire Daily podcast along with several others on the N2K Cyber podcast network, has interviewed thousands of cybersecurity professionals since the CyberWire's podcasts launched in 2015. Coming into the role at the CyberWire, Dave had experience in digital media with a specialty in video.

Jumping into the podcasting role, Dave has learned from the best. He has interviewed cybersecurity professionals, newbies, members of several presidential administrations and countless others. Along the way, Dave's knowledge of cybersecurity continues to grow.

Dave is happy to take the knowledge from all of those interviews and share it with attendees at CyberCon 2023.



*Mohammed Anwar*  
*Culture+ and Softway*

**Wednesday Lunch Speaker**

**Love as a Business Strategy**

Mohammad Anwar is the President and CEO of Softway and Culture+, co-host of Love As A Business Strategy podcast, WSJ Best Selling Author of 'Love as a Business Strategy: Resilience, Belonging and Success, speaker, and a member of Forbes Business Council. He started Softway as a technology services company with his family at the age of 20 while pursuing his B.S. in Computer Science with a minor in Mathematics at the University of Houston. He is celebrated for creating and sustaining a humanity-centered culture at Softway based on the philosophy that love is a business strategy. However, there was a time when the company culture at Softway was so toxic that it almost caused the enterprise to fold. He took full responsibility for the problems at Softway and knew that, as the leader, he needed to change for the company to survive. After deep introspection, he eventually turned the company around. From this experience, he also created a sister company of Softway, Culture+, and co-authored a WSJ bestselling book, Love as a Business Strategy. When Softway began in 2003, it was a small company that created websites for merchants in Houston. Since then, it has grown to a Business-to-Employee solutions company that focuses on bringing technology solutions to others by building high performing teams to build solutions that speak to the human needs of your workforce – and business performance that speaks for itself.

In 2021, he formed Culture+ as a standalone organization fully dedicated to our mission: bring humanity back to the workplace. Culture+ provides Culture-as-a-Service to transform behaviors of employees and leaders – creating high-performing teams capable of achieving any business outcome.



*Chris Pitre*  
*Culture+ and Softway*

**Wednesday Lunch Speaker**

**Love as a Business Strategy**

Chris Pitre is Vice President at Culture+ and Softway, co-creator and facilitator of Seneca Leaders, co-host of Love As A Business Strategy podcast, and WSJ Best Selling Author of 'Love as a Business Strategy,' He manages the company culture and works to ensure that all projects, interactions, and deliverables reflect the company's human-first approach. Chris is a student of the world and enjoys anthropology, history, travel, and culinary experiences. His interests in global cultures naturally led him to travel around the world co-leading change management and leadership through Seneca, Softway's workplace culture program. Prior to his role at Culture+ and Softway, Chris managed global business development for the creative and automation practice within Astadia, an IT service management company. There, his clients were in the telecommunications, technology, and healthcare industries. He has experience in digital and social media, marketing, and communications. Chris is a native Houstonian who loves everything Beyoncé. He has a B.A. in Business Administration from The George Washington University in Washington, D.C.



*Dd Budiharto*  
*Cyber Point Advisory*

**Wednesday Closing Keynote**

**Awaken the 3-headed Monster  
to Thwart Attackers**

Dd Budiharto is the founder of Cyber Point Advisory, LLC, a leader in fractional CISO firm that provides cyber security advisory services to small and mid size businesses (SMBs) and global organizations. She partners with executive teams, business stakeholders, and IT leaders to develop strategy and road map to enhance the organization's cyber security posture. Her efforts have been instrumental in delivering significantly enhanced information and cyber security for companies including Phillips 66, Baker Hughes, Marathon Oil Corporation, and Halliburton. Dd has been a digital security visionary for 20+ years. As an industry leader, she worked closely with the White House on Critical Infrastructure Cybersecurity initiatives. She served as chairman of the American Petroleum Institute (API) IT Security Subcommittee, where she collaborated with the White House, and is currently a Governing Member of Evanta/Gartner and SecureWorld CISO Executive. Dd is passionate about developing the next generations cyber security warriors for the underrepresented groups. She serves as a Board of Director of LINK Houston and has remained active as a speaker, moderator, mentor, and advisor for Women Executive Forum, Minorities in Cybersecurity, Cyversity and at multiple universities over time, including the University of Houston, Baylor University, University of St. Thomas, and Rice University Baker Institute.



# Session DETAILS

Tuesday, October 3, 2023

## **Tuesday Opening Keynote: *Selling Ownership in Security and Threat Management*** **Robert Gaskamp, True Companies**

12:30 pm - 1:30 pm

Join us for this session, which will feature hard hitting videos and real case studies which Robert has been personally involved with are presented to demonstrate that 'Security is everybody's business'.

## **Breakout Sessions (set A)**

1:45 pm - 2:30 pm

### **A1) IT in North Dakota Looking Forward**

Main Stage – Bavendick Stateroom

#### ***Kuldip Mohanty, State of North Dakota***

Join us for an engaging exploration of NDIT's mission to secure North Dakota's digital future. Kuldip will provide insights into the role that technology plays in reshaping government services, enhancing cybersecurity, and fostering collaboration across agencies. Hear about the strategies that have enabled NDIT to become a pivotal force in ensuring the state's digital resilience and innovation.

During this presentation, Kuldip will delve into:

**The Power of Integration:** Discover how NDIT is seamlessly integrating cybersecurity and critical infrastructure to fortify the foundations of North Dakota's digital landscape.

**Innovation for All:** Learn how NDIT's vision extends beyond technology, with a focus on equitable digital services for all citizens, where efficiency, transparency, and citizen-centricity are the guiding principles.

**Collaboration as a Cornerstone:** Understand how partnerships between NDIT and various agencies are fostering a collaborative ecosystem that is propelling North Dakota's digital transformation.

**Transformative Impact:** Explore how NDIT will use AI in bolstering cybersecurity and elevating state services.

**The Road Ahead:** Gain insights into NDIT's strategic roadmap, focusing on innovation, security, and the people-first approach that defines its future endeavors.

Whether you're an IT professional, a government official, or simply someone passionate about the intersection of technology and governance, this presentation will leave you with a profound understanding of how NDIT is shaping a secure and connected future for all.

### **A2) Guarding the Flow: Combating Oil and Gas Theft and Crime**

Basin Auditorium (NECE 304)

#### ***Nolan Canright, Continental Resources***

This session will cover theft issues related to oil/gas production and its impact to producers in the Bakken. We will explore some of the various types of thefts and criminal activity operators are dealing with and some effective preventive measures security teams are implementing to combat the problem.

### **A3) DHS Community Awareness Briefing (CAB)**

Rooms 431/433

#### ***Tom Reis, NDDDES/NDSLIC/DHS***

This session will hit on cyber space being used to radicalize targeted violence and terrorism players worldwide.

### **A4) Securing the Electrical Grid on the Cyber Front**

Rooms 436/443

#### ***Kent Kensmoe, Capital Electric Cooperative***

This session and discussion will focus on the challenges facing distribution utilities and what resources are available to assist. We will also discuss the differences in the generation and distribution sectors and how those are being addressed.

**B1) Modern Hackery: A Look At Current Breaches Through An Attacker's Eyes – Jason Lang, TrustedSec**

Main Stage – Bavendick Stateroom

In this session, we will be looking at several current breaches, and how they were done, from the eyes of a red teamer. I will do my best to break down the techniques used, why they were successful, and how organizations can best defend against some of the tradecraft employed by current threat actors.

**B2) Cyber Threats: An FBI Perspective**

Basin Auditorium (NECE 304)

**John Ianarelli, JI Consulting, FBI (retired)**

Why would a criminal rob a bank when they can steal far more from the ease of sitting behind a computer? Beyond money, the sensitive personal information of both employees and clients is attractive to the cyber thief. Additionally, remote work technologies like Zoom, webinars, and mobile devices have provided cybercriminals with new ways to disrupt business and steal what is yours. Every year millions become victims because they did not know how to protect themselves from cybercrime. By using examples of actual FBI cases, John reveals the ways your business is vulnerable to a cyberattack, the threats inherent with working remotely, and how you can protect yourself from becoming a victim. Key takeaways include (1) Understand the vulnerabilities to business; (2) Learn how to avoid becoming a victim, and (3) Know what to do if a cybercriminal attacks.

**B3) The Future of Cybersecurity: Trends You Should Know and Monitor**

Rooms 431/433

**Jon Waldman, SBS CyberSecurity**

Some advances have been made, tactically speaking, with cyber risk assessments. We're moving away from manual and Excel spreadsheets, adding more threat intel sources to capture more data and gain a better understanding of the threat actors' behavior – and now there's cyber risk quantification – to help us communicate ROI on the resources and staff we need to reduce our overall risk. We tend to focus on understanding where our technology gaps are, mapping alignment to NIST CSF frameworks, and gaining a better understanding of the bad actor trends. We get a score and maybe a remediation plan and we go do a software patch, update firewall configurations, get the score we need and tell the executive team and board we passed. But... what if we start to look beyond the infrastructure assessment data, combine strategies from other risk and assessment methodologies, and customize a report using the assessment data, probability, intuition and show a plan that ties in more broadly to the overall company's risk strategy? In this session, we'll discuss ideas to advance in cyber risk that can help us hire in the right areas, invest in the right training and mentorship for our staff, and have a narrative that enables not just the business but enables the CISO's team with the appropriate resources and budgets.

**B4) [Dis]assembling NDIT's Malware Analysis Program**

Rooms 436/443

**Kate Lucero, NDIT**

This session will discuss:

- Why Malware analysis?
- Dynamic and static analysis tools
- Demonstration of a payload extraction using CyberChef and Linux

**C1) Pipeline Awareness and Safety from the North Dakota Pipeline Association (NDPA)**

Main Stage – Bavendick Stateroom

**Randall Duncan, ND Pipeline Authority by Paradigm**

The North Dakota Pipeline Association (NDPA) is a consortium of pipeline operators advocating for safety and awareness concerning North Dakota's pipeline system. This presentation is designed to increase the awareness and understanding of safety and response officials on the topic of pipelines within the state. The target audience is anyone wanting to increase their awareness of pipeline operations and emergency response.

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## **C2) Unit 42 Current Threat Assessments & Predictions**

Basin Auditorium (NECE 304)

**Shawn Fleury, Palo Alto Networks**

This session will be an overview of the most prevalent cyber threats organizations face in 2023 as well as the lessons we have learned. Topics range from BEC, to Ransomware, to the impact of ChatGPT.

## **C3) AI, Quantum Computing and Their Impacts on Security and Society**

Rooms 431/433

**Jeremy Straub, North Dakota State University**

This session will start with a brief overview of current and emerging AI and quantum computing / communications technologies. Focus will be given to the current and projected near future states of both. Based on this, the presentation then turns its focus to the implications of both technology areas. First, their societal implications are discussed. These include, for AI, its societally beneficial uses and questions raised about authorship, content legitimacy and AI decision making bias and priorities. For quantum computing, societal implications include the public availability of previously secure communications, the compromise of most personal identifying information and the availability of previously secured information. Focus then turns to the cybersecurity implications of both technologies. The use of AI for cyberattacks and defense and how adversary AI access will virtually require AI use in cybersecurity will be discussed. Quantum computing's use for attacking existing data and infrastructure and its potential use to protect it will also be covered. Finally, the presentation discusses the importance of public policy making in these areas because of their broad implications and impact. In particular, the importance of not impairing technological development through policymaking and the consequences of such impairment will be discussed.

## **C4) Incident Response Playbook 101**

Rooms 436/443

**Yaamini Mohan, Dell Technologies**

Learn about the importance of an Incident Response Playbook and how to create one, with an interactive game session.

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#### Wednesday Morning Keynote: **Five Thousand Interviews: What I've Learned About Cybersecurity**

**Dave Bittner, The CyberWire Podcast**

**8:30 am - 9:30 am**

Dave Bittner, host of The CyberWire Daily podcast along with several others on the N2K Cyber podcast network, has interviewed thousands of cybersecurity professionals since the CyberWire's podcasts launched in 2015. Coming into the role at the CyberWire, Dave had experience in digital media with a specialty in video. Jumping into the podcasting role, Dave has learned from the best. He has interviewed cybersecurity professionals, newbies, members of several presidential administrations and countless others. Along the way, Dave's knowledge of cybersecurity continues to grow. Dave is happy to take all of the knowledge from all of those interviews and share it with attendees at CyberCon 2023.

#### Breakout Sessions (set D)

**9:45 am - 10:30 am**

##### **D1) Building a World Class Cyber Operations Center**

*Main Stage - Bavendick Stateroom*

**Michael Gregg, NDIT**

In this session Mr. Gregg will discuss the State of Cyber for North Dakota. What are some of the wins the state has achieved and most importantly he will provide a blueprint for building successful cyber security projects. Attendees will be provided 6 simple steps that anyone can use to achieve initiatives to improve your success and build better cyber security programs.

##### **D2) Electric Sector: Substation Security and Emergency Management Overview**

**Warren LaPlante, ALLETE**

*Basin Auditorium (NECE 304)*

In this session, we will discuss how the electric sector is an integral part of the U.S. economy and a vital contributor to the nation's overall security. Substation security and emergency management are essential components of a safe and secure electric grid. Through the implementation of physical and operational security measures, the development of emergency plans, and collaboration between stakeholders, the electric sector can be safeguarded against deliberate acts of sabotage or terrorism and natural disasters.

##### **D3) Assumed-Breach Testing: Why You Should Test as if a Hacker was Already in Your Network**

**Jon Waldman, SBS CyberSecurity, LLC**

*Rooms 431/433*

On average, it takes an organization 287 days to detect and contain a data breach. Hackers today are very good at breaking into networks and staying undetected for long periods of time before executing their ultimate objectives. When a cyber incident inevitably occurs, your best bet is to assume your network is compromised and act accordingly, rather than assume you're not compromised and carry on like normal. One of the most important questions to ask yourself is: "If a hacker was in my network, would I know?" Testing your internal and external network security controls regularly is an important way to find the answer. But what happens if the penetration test has little or no success?

Assumed-Breach Testing simulates the initial foothold an attacker might obtain, allowing for more in-depth testing and provides a unique perspective of the organization's readiness for a real-world breach. Assumed-Breach Testing helps answer the question of "what can happen if we were breached?" In this session, we'll discuss the different components and objectives of Assumed-Breach Testing, including modern Cyber Attack Vectors, identifying your data stores, lateral movement and persistence, privilege escalation, data exfiltration, how to perform assumed-breach testing and more!

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**E1) CbryeScretuiy: nkwo hte ismsoin**

Main Stage - Bavendick Stateroom

**Slade Griffin, Contextual Security**

This talk will discuss different career paths within information security. What does a (this) hiring manager look for? Good and bad examples of resumes, interactions, certifications, and experience. What kind of people do we hire, what backgrounds and experience do they have, what does a day in the life look like for our employees, and what do they want you to know? We'll also discuss what types of non-technical skills help our team to be efficient and effective for their careers and our clients.

**E2) Cyber Shadows: Unveiling the Enigma of Generative AI in the**

Basin Auditorium (NECE 304)

**Haunted Halls of GRC - Uriah Burchinal, eMed Digital Healthcare**

This session will discuss Using AI: The sinister art of wielding Generative AI for cybersecurity purposes Governing AI: The sculpting of organizational policies to govern Generative AI's dark powers Controlling AI: The prophetic warnings and safeguards to subdue the treacherous AI beast. (For a much better description, see the app!)

**E3) Living on the Internet: Public IPs and Alternative Authentication Concerns in the 21st Century - Tim Jensen**

Rooms 431/433

This session will discuss how the public internet has changed in the last decade, including IPv6 and CGNAT changes which may affect corporate and personal security. The second part of the presentation will cover an overview of authentication factors, how companies are starting to change how authentication is used, and the risks/rewards related to these changes.

**E4) FOCUS GROUP: Whole State of Cybersecurity: Whole State of Cybersecurity**

Rooms 436/443

**Jessica Newby, NDIT****Please sign up at the registration desk!**

Jessica is the Information Security Manager for the NDIT Governance Risk and Compliance team. She and her team collaborate with entities across the state including K-12, counties, cities, universities, and more. Join Jessica as she discusses Whole-of-state cybersecurity as an approach that emphasizes partnership among different levels of government, educational institutions, tribal entities, and other organizations in the public and private sectors to mitigate cybersecurity threats. Come learn how these mitigations and responses can protect your organization!

**Lunch Session: Love as a Business Strategy**

12:15 pm - 1:00 pm

**Mohammed Anwar and Chris Pitre, Softway and Culture+**

This session will cover the dramatic effect 'love' had on our business, our strategy, and our people. The authors of the Wall Street Journal Best Selling book Love as a Business Strategy will bust the doors down and demystify the word 'love' once and for all. As business professionals and practitioners, Mohammad, Chris, Jeff and Frank will make a compelling case for why 'love' should be part of every business strategy, and how it could even become your competitive advantage. By showcasing tangible outcome-oriented examples of how love—when practically and thoughtfully applied to every area of your business—can make it thrive.

**Intended Outcomes & Learning Objectives:**

- Attendees will walk away with new ideas and fresh approaches to bring out the best in their employees, their companies, and themselves.
- Attendees will see how 'love' can change their behavior towards each other, and lead to more inclusion and diversity as a result.
- Attendees will leave inspired to do their part in bringing humanity to their workplace.



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- Alison Zarr, Program Manager
- Jackie Lausch, Program Coordinator
- Sara Vollmer, Dean

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**F1) Artificial Intelligence and Poor Cybersecurity Don't Mix**

Main Stage – Bavendick Stateroom

**Shawn Riley, BisBlox**

Artificial Intelligence is exploding into every aspect of technology and our daily lives. What happens when we can't secure AI? What happens when bad actors use AI to impact the knowledge and decision systems we use every day? Can the machines really be invented to rise up against us and take over?

**F2) Physical Security – Is Your Business Ready?**

Basin Auditorium (NECE 304)

**Holly Rudnick, Starion Bank**

Is your business prepared for today's world? Have you ever conducted a tabletop exercise? Are you educating new employees on what to do during an emergency? Learn tips to help your security program be better prepared for emergencies. In this session you will learn about resources and tools to help evolve your security program.

**F3) The Hacker's AI Playbook**

Rooms 431/433

**James McQuiggan, KnowBe4**

Artificial intelligence (AI) is revolutionizing multiple industries, providing unprecedented automation, analytics, and decision-making capabilities. However, the rapid advancements in AI technology have also led to the emergence of sophisticated social engineering attacks, posing significant challenges to individuals, businesses, and governments. This session will explore the impact of AI on social engineering, highlighting the potential benefits, dangers, and strategies for defending against these new-age threats.

**F4) FOCUS GROUP: Ransomware**

Rooms 436/443

**Michael Gregg, NDIT****Please sign up at the registration desk!**

Join North Dakota's CISO for an intimate and focused discussion on how to help prevent and respond to a ransomware event! Ransomware is a type of malicious software, malware, that locks a victim's data or device and threatens to keep it locked, or worse, unless the victim pays a ransom to the attacker.

**Thank you to our 2023 Planning Committee:**

Tony Aukland	NDIT
Art Bakke	Starion Bank
Tyler Boespflug	Dakota Community Bank
Kevin Fishbeck	University of Mary ( <i>adhoc</i> )
LTC Patrick Flanagan	ND National Guard
Matt Frohlich	University of Mary ( <i>adhoc</i> )
Ben Gates	Steele County Emergency Mgmt.
Lynette Painter	Bismarck State College
Col. Dave Hall	ND National Guard
Bill Heinzen	NISC
Jason Herner	High Point Networks, LLC
Daniel Krueger	ND Dept. of Emergency Services
Debbie Mantz	Bismarck State College
Matt Mitzel	Minnkota Power Cooperative
John Nagel	CyberNet Security
Nicklos See	Bismarck State College
Jim Sheldon	Basin Electric Power Cooperative
Maj. Dan Sly	ND Air National Guard
Tanya Taplin	University of Mary
Mari Volk	Bismarck State College
Troy Walker	Dakota Carrier Network ( <i>2023 Chair</i> )
Sean Wiese	MDU Resources Group



# TEALS Program



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**G1) Digital Threat Analysis Center (DTAC)**

Main Stage - Bavendick Stateroom

**Nick Monaco, Microsoft**

The Digital Threat Analysis Center (DTAC) is made up of a team of experts analyzing both cyber and influence operations of nation-state and non-state actors in the information space. It is focused on detecting and disrupting digital threats to Microsoft, its customers, and democracies worldwide. Using an audience-based, rather than simply geographical, approach, DTAC's experts analyze targeting and tactical trends that assist Microsoft and its global partners in better understanding and combating the world's most serious cyber threats.

**G2) Going Active in OT**

Basin Auditorium (NECE 304)

**Garret Bladow, Dragos**

Operation Technology (OT) systems require a different risk management position to protect critical infrastructure. The primary method for understanding these complex systems has relied on distributed sensor technology that is passively aware of the assets under protection. In contrast, Information Technology (IT) systems have a wealth of tools to actively determine system threat and vulnerabilities through direct connection and system interrogation. These active concepts are moving more and more into the OT security space. This talk will focus on active techniques in the OT space, pitfalls to be aware of, and the benefit that can be gained from using them correctly.

**G3) CS Opportunities for ND Citizens**

Rooms 431/433

**Jason Mattheis, NDIT / EduTech**

Explore the Computer Science and Cybersecurity courses that are available to all North Dakota citizens through the Cisco Skills for All program. The courses are free, quality, self-paced online learning opportunities that cover a wide range of topics, from the entry level Introduction to Cybersecurity course to more complex offerings such as Python Essentials I. The courses connect learners to in-demand IT jobs, industry certifications, and valuable career resources. The Skills for All courses give learners from all backgrounds and experiences a pathway to a career in technology.

**G4) FOCUS GROUP: Securing Success: Measuring What Matters in Cyber Defense**

Rooms 436/443

**Chris Gergen, NDIT****Please sign up at the registration desk!**

In the constantly shifting sands of the cyber realm, how do we measure success? Is it just about the absence of a breach, or is there a deeper story waiting to be told? Chris Gergen is the Director of Cyber Operations for North Dakota Information Technology (NDIT) and has oversight of teams that are tasked with helping to safeguard an array of entities – from state agencies and educational institutions to tribal nations and local governments. Whether you are a CISO, a frontline defender, or a student aspiring to land a career in cybersecurity, he invites you to join this conversation around the critical and often under-discussed topic of what tools, techniques, and tales can be used to effectively measure and communicate the success of an organization's security program.

**G5) FOCUS GROUP: Third Party Risk Management**

Room 103 (first floor)

**Josh Kadrmas, NDIT****Please sign up at the registration desk!**

Do you work with 3rd party vendors and contractors? Are they providing services that hook into your IT? Have you performed a proper evaluation of their product and processes? Josh Kadrmas, Governance Risk and Compliance Lead for NDIT, will be discussing these risks and vulnerabilities! Risk Management is Josh and his team's business and no one does it better. Join Josh as he walks through analyzing and minimizing risks associated with outsourcing to third-party vendors. You cannot evaluate the risks without properly identifying and vetting the potential vulnerabilities.

**TechND Awards**

3:00 pm - 3:30 pm

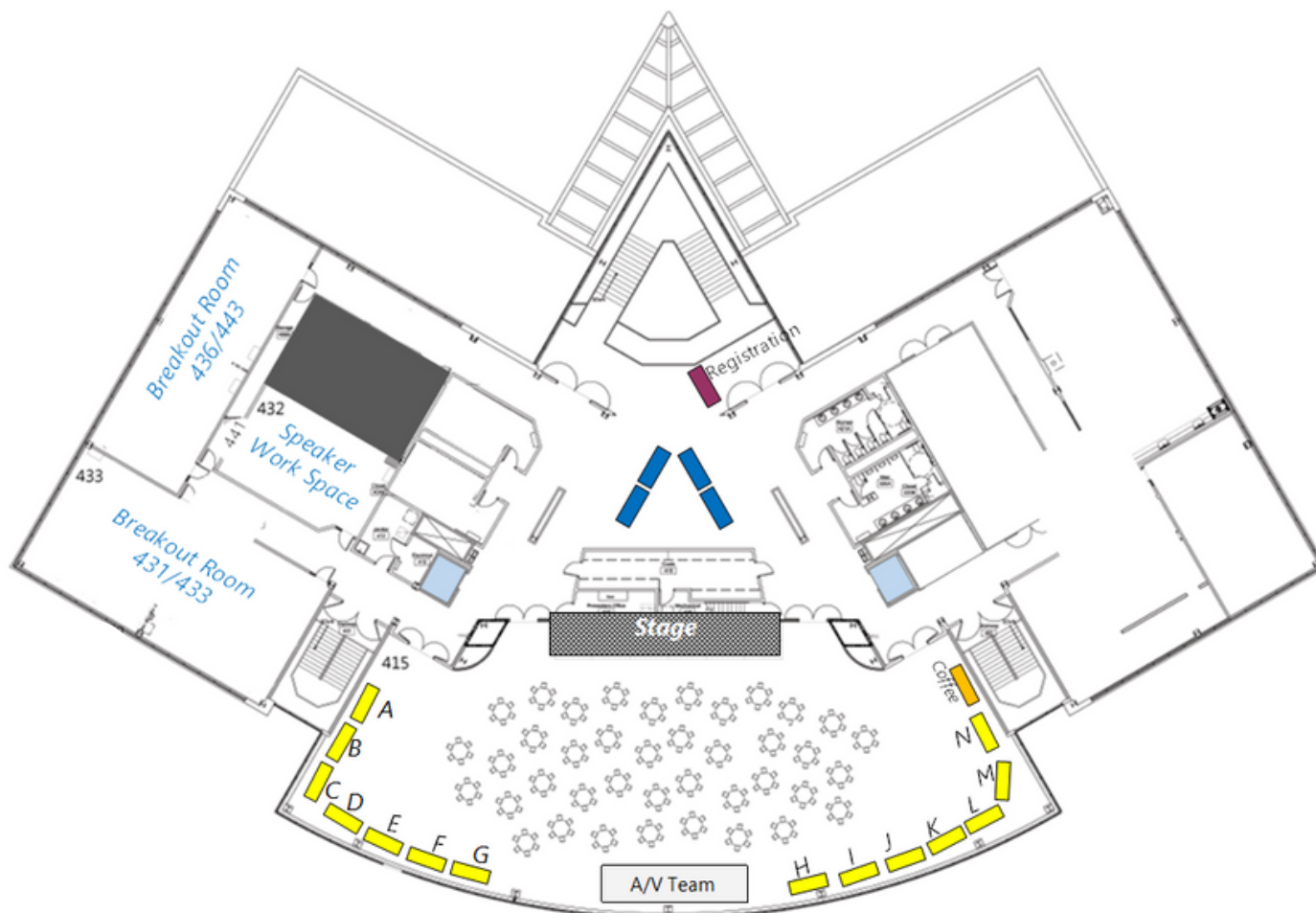
Since 2001, TechND has been presenting awards to North Dakota technology champions. The program recognizes the outstanding efforts of organizations and individuals that have played a vital role in technology development in our state. Each year, the TechND Board receives nominations for people and businesses that inspire others in the industry, and this year, TechND is proud to present three awards recognizing innovation and individual achievement in the following areas: 1) Premier Technology Business, 2) Technology Innovator and 3) Technology Champion.

**Closing Keynote: Awake the 3-headed Monster to Thwart Attackers**

3:45 pm - 4:30 pm

**Dd Budiharto, Cyber Point Advisory, LLC**

Business owners/operators, OEMs and the government have been in a dysfunctional three-some for a while where we are co-dependent of each other, but we don't work with each other towards the greater good: protecting our nations. It's time to fuse the 3 heads and make a monster to thwart these cyber attackers.



## Exhibitor Directory

A – ISACA North Dakota	H– Marco Technologies
B – UND Cybersecurity	I– Evolving Solutions
C – TechND	J– ND Dept. of Emergency Services
D – Cloudera	K– Tenable
E – NorthRiver IT	L– Axis Communications
F – SEAM (Secure Enterprise Asset Management, Inc.)	M– BSC Polytechnic
G – Cloud Flare	N – High Point Networks



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Contact: Jessica Lundgren

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**Cloudera – Booth D**

Contact: Dario Perez

Email: [dario@cloudera.com](mailto:dario@cloudera.com)

Website: [www.cloudera.com](http://www.cloudera.com)



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**CloudFlare – Booth G**

Contact: Shayna Williams  
Email: [shayna@cloudflare.com](mailto:shayna@cloudflare.com)  
Website: [www.evolvingol.com](http://www.evolvingol.com)



**CompuNet (Booth E)**

Contact: Jovette Brinkerhoff  
Email: [jbrinkerhoff@compunet.biz](mailto:jbrinkerhoff@compunet.biz)  
Website: [www.compunet.biz](http://www.compunet.biz)



**Evolving Solutions – Booth I**

Contact: Mike Burgard  
Email: [mike.burgard@evolvingsol.com](mailto:mike.burgard@evolvingsol.com)  
Website: [www.evolvingsol.com](http://www.evolvingsol.com)



**High Point Networks – Booth N**

Contact: Jason Herner  
Email: [jason@highpointnetworks.com](mailto:jason@highpointnetworks.com)  
Website: [highpointnetworks.com](http://highpointnetworks.com)



**Marco – Booth H**

Contact: Brenda Wall  
Email: [brenda.wall@marconet.com](mailto:brenda.wall@marconet.com)  
Website: [www.marconet.com](http://www.marconet.com)



**ND Dept of Emergency Services – Booth J**

Contact: Dan Krueger  
Email: [dpkrueger@nd.gov](mailto:dpkrueger@nd.gov)  
Website: [www.des.nd.gov](http://www.des.nd.gov)



**North River IT Services – Booth E**

Contact: Chaz Hager  
Email: [chaz.hager@northriverit.com](mailto:chaz.hager@northriverit.com)  
Website: [www.northriverit.com](http://www.northriverit.com)



**SEAM (Secure Enterprise Asset Management) – Booth F**

Contact: Levi Hentges  
Email: [levi@seamservices.com](mailto:levi@seamservices.com)  
Website: [seamservices.com](http://seamservices.com)



**Tenable – Booth K**

Contact: Susan Foster  
Email: [sfoster@tenable.com](mailto:sfoster@tenable.com)  
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**North Dakota Pipeline Association**  
Email: [NDPA@pipelineawareness.info](mailto:NDPA@pipelineawareness.info)  
Website: [ndpa.pipelineawareness.org](http://ndpa.pipelineawareness.org)



**Upsight Security**  
Contact: Richard Robitaille-Muffler  
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Contact: Brandon Purser

Email: [treasurer@fargoisaca.org](mailto:treasurer@fargoisaca.org)

Website: [engage.isaca.org/fargochapter/home](https://engage.isaca.org/fargochapter/home)



Center for  
Cyber Security Research  
College of Engineering & Mines  
University of North Dakota.

### UND Center for CyberSecurity Research – Booth B

Upson II Room 165

243 Centennial Dr Stop 8155

Website: [engineering.und.edu/research/cyber-security/index.html](https://engineering.und.edu/research/cyber-security/index.html)

## Special Thanks to:



### Bismarck State College | Polytechnic – Booth M

Website: [bismarckstate.edu/about/contact](https://bismarckstate.edu/about/contact)



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Email: [office@technd.org](mailto:office@technd.org)

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at Bismarck State College



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is to be the cybersecurity partner of choice, protecting our digital way of life.



Cybersecurity  
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## CONGRATULATIONS TO THE 2023 CYBERCON SCHOLARSHIP RECIPIENTS!

Since 2023, the CyberCon Planning Committee has been able to work with the Bismarck State College Foundation to support student scholarships. CyberCon Financial sub-committee member Colonel Dave Hall, ND National Guard, said "We are excited to start giving back to our students and the future of Cybersecurity here at Bismarck State College. Scholarships are the first step toward supporting the bright future of these students learning the skills they need for future careers." The recipients for 2023 are:

**JACOB SEABURG - LEVI KOELZER**  
**JOSIE LONG - ERIC FELCHLE**



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