



# TechNet Augusta

**August 19–22, 2024**  
**Augusta Marriott at the Convention Center**  
**Augusta, GA**



**Download the app for  
TechNet Augusta 2024**

# TECHNET AUGUSTA 2024

## REGISTRATION HOURS

(Olmstead Street Level Foyer)

<b>Sunday, August 18</b>	1:00 PM – 4:00 PM
<b>Monday, August 19</b>	7:30 AM – 4:30 PM
<b>Tuesday, August 20</b>	6:30 AM – 5:30 PM
<b>Wednesday, August 21</b>	7:00 AM – 6:00 PM
<b>Thursday, August 22</b>	7:00 AM – 1:00 PM

## SATELLITE REGISTRATION

(2<sup>nd</sup> Floor Above Hotel Main Lobby)

<b>Monday, August 19</b>	9:00 AM – 7:00 PM
<b>Tuesday, August 20</b>	6:30 AM – 5:30 PM
<b>Wednesday, August 21</b>	7:00 AM – 6:00 PM

## EXHIBIT HOURS

(Olmstead Exhibit Hall)

<b>Tuesday, August 20</b>	9:00 AM – 5:30 PM
<b>Wednesday, August 21</b>	9:30 AM – 4:30 PM
<b>Thursday, August 22</b>	8:30 AM – 1:00 PM

*See conference website or conference app for full session and speaker details.*

## Visit the AFCEA booth #123 to verify your membership or join today!

**TechNet Augusta Mobile App:** The free app is available in the iTunes App Store (Apple) and Google Play (Android). Once you have downloaded the TechNet Augusta app, you can get to the TechNet Augusta information and access exhibitor lists and profiles, interactive floorplan, conference schedule, session details, speaker profiles, a personalized planner, as well as AFCEA membership information.

**SSID:** VisitBooth123

**PASSWORD:** joinAFCEAtoday

## COMPLIMENTARY BUS SERVICE

Complimentary shuttle bus service is available between the TechNet Augusta contracted hotels and the Augusta Marriott at the Convention Center. Shuttles will run on a continuous loop with departures every 60 minutes. Schedule as follows:

### SCHEDULE:

#### LOOP 1 (DRIVE TIME 15 MINUTES)

Augusta Marriott at the Convention Center  
Crowne Plaza North Augusta  
Hyatt House Augusta/Downtown  
Holiday inn Express Augusta Downtown  
Augusta Marriott at the Convention Center

#### LOOP 2 (DRIVE TIME 41 MINUTES)

Augusta Marriott at the Convention Center  
Hampton Inn & Suites Augusta Washington Road  
Baymont Inn & Suites Augusta West  
Partridge Inn Augusta  
Augusta Marriott at the Convention Center



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# TECHNET AUGUSTA 2024 PROGRAM SCHEDULE (As of July 29, 2024)

## MONDAY, AUGUST 19

8:00 am – 6:00 pm	<b>Signal/ Cyber Senior Leader Conference</b> <i>Georgia Cyber Center Auditorium</i>
8:00 am – 9:00 am	<b>AFCEA Greater Augusta Chapter Course: Securing Our Critical Infrastructure – Understanding Operational Technology (OT) Cybersecurity in Today's Threat Landscape*</b> <i>Lamar B/C</i>
8:00 am – 5:00 pm	<b>AFCEA Greater Augusta Chapter Golf Tournament</b> <i>(Separate Registration Required)</i> <i>Eisenhower Lakes Golf Course</i>
8:30 am – 11:30 am	<b>Security Operations with Splunk- An Education Adventure*</b> <i>Estes B</i>
9:30 am – 10:30 am	<b>AFCEA Greater Augusta Chapter Course: Artificial Intelligence's Influence on Cybersecurity: Fighting Today's Problems with Tomorrow's Technologies*</b> <i>Lamar B/C</i>
10:00 am – 2:00 pm	<b>PAI/OSINT Capture the Flag*</b> <i>(Separate registration required)</i> <i>Georgia Cyber Center</i>
11:00 am – 12:00 pm	<b>AFCEA Greater Augusta Chapter Course: The Convergence of Offense and Defense: Unleashing AI's Potential in Cyber Warfare*</b> <i>Lamar B/C</i>

1:00 pm – 2:00 pm	<b>AFCEA Greater Augusta Chapter Course: Artificial Intelligence (AI): Threat, Opportunity or Both*</b> <i>Lamar B/C</i>
1:00 pm – 2:00 pm	<b>AFCEA Preferred Provider Session: Incident Response in the Land of Hybrid AI Infrastructures*</b> <i>Estes A</i>
2:00 pm – 5:00 pm	<b>Warrant Officer BOD/Council of CW5's Meeting</b> <i>(Invitation only)</i> <i>Estes B</i>
2:30 pm – 3:30 pm	<b>AFCEA Greater Augusta Chapter Course: CMMC: Ingenious Solution, Pipedream, Wrecking Ball, or Trojan Horse*</b> <i>Lamar B/C</i>
2:30 pm – 3:30 pm	<b>AFCEA Preferred Provider Session: Intersection of AI and Mental Health*</b> <i>Estes A</i>
4:00 pm – 5:00 pm	<b>AFCEA Greater Augusta Chapter Course: Holistic Information Security Practitioner Institute (HISPI) Trusted Artificial Intelligence (TAI) Model Top 20*</b> <i>Lamar B/C</i>
4:00 pm – 5:00 pm	<b>AFCEA Preferred Provider Session: Defending the Cloud*</b> <i>Estes A</i>

## TUESDAY, AUGUST 20

7:00 am – 8:00 am	<b>Coffee Break</b> <i>Plaza Lobby/Riverwalk Hallway</i>
8:00 am – 9:15 am	<b>Welcome &amp; Opening Keynote</b> <i>Oglethorpe ABCDE</i>
9:00 am - 11:00 am	<b>Networking Break/View Exhibits/Coffee Break</b> <i>Exhibit Area</i>
9:30 am – 9:50 am	<b>Solution Review: Cyberspace Operations in Multi-Domain Operations</b> <i>Engagement Theater</i>
9:30 am – 10:30 am	<b>C2 Fix</b> <i>Lamar B/C</i>
9:30 am – 10:45 am	<b>Acquisition Program: Transform</b> <i>Oglethorpe ABCDE</i>
10:00 am – 10:20 am	<b>Solution Review: Mastering the Information Environment to Deliver Information Advantage</b> <i>Engagement Theater</i>
10:00 am – 2:00 pm	<b>International Military &amp; Collegiate Capture the Flag*</b> <i>(Separate registration required)</i> <i>Georgia Cyber Center</i>
10:30 am – 10:50 am	<b>Solution Review: Enabling AI/ML at the Tactical Edge</b> <i>Engagement Theater</i>
10:30 am – 11:30 am	<b>Growing the Next Generation of Cyber Talent*</b> <i>Cumming</i>
10:45 am – 11:45 am	<b>AFCEA Greater Augusta Chapter Course: Infrastructure and Supply Chain Threats*</b> <i>Estes A</i>
10:45 am – 11:45 am	<b>Cyber Quest 2024 Out Brief</b> <i>Estes B</i>
10:45 am – 11:45 am	<b>Emerging Leaders Disruptive by Design- Next-Generation Secure Communications for Our Nation's Defense*</b> <i>Lamar A</i>

10:45 am – 11:45 am	<b>Integration of Data Fabric into the Big Data Platform Across All Echelons within the ACM Cyber Portfolio in Support of the Warfighter</b> <i>Lamar B/C</i>
11:00 am – 11:20 am	<b>Solution Review: A Holistic Approach to Machine Learning for Electronic Warfare</b> <i>Engagement Theater</i>
11:00 am – 1:00 pm	<b>Networking Lunch/View Exhibits</b> <i>Exhibit Area</i>
11:30 am – 11:50 am	<b>Solution Review: Electromagnetic Warfare Data Flow in a Degraded Environment</b> <i>Engagement Theater</i>
11:45 am – 12:45 pm	<b>Autonomous Attack Drones Based on Artificial Intelligence</b> <i>Cumming</i>
12:00 pm – 12:45 pm	<b>Acquisition Program Q&amp;A Session: PEO EIS Deputies</b> <i>Engagement Theater</i>
1:00 pm – 2:00 pm	<b>Afternoon Keynote</b> <i>Oglethorpe ABCDE</i> <b>Supported by</b> 
2:10 pm – 2:30 pm	<b>Solution Review: Equipping the Warfighter with Actionable Insights via Intelligent Automation</b> <i>Engagement Theater</i>
2:15 pm – 3:15 pm	<b>Acquisition Program: Align: How Does Digital Engineering (DE) Enable Interoperability and the Adoption of Modular Open System Approach (MOSA)?</b> <i>Oglethorpe ABCDE</i>
2:15 pm – 3:15 pm	<b>AFCEA Greater Augusta Chapter Course: Infrastructure Incidents and Investigation: A Nuts to Bolts Look at Critical Response*</b> <i>Estes A</i>

*(Continued on next page)*

\* Session has been approved by CompTIA, GIAC and/or CertNexus as continuing education for cybersecurity certification maintenance or recommended for acquisition training. Consult the conference app or continuing education flyer for details \*Ticket required. You may purchase tickets during the registration process or log-in to your existing record to add meal tickets.

Text or email questions for general sessions in Oglethorpe Ballroom to AskMeTNA@gmail.com

# TECHNET AUGUSTA 2024 PROGRAM SCHEDULE (As of July 29, 2024)

## TUESDAY, AUGUST 20 (Continued)

- 2:15 pm – 3:15 pm **Utilizing Blockchain Technology to Provide an Accessible, Privacy-Centric System for Positively Proving Identity**  
*Cumming*
- 2:15 pm – 3:15 pm **The U.S. Army's Cyber and Electromagnetic Warfare School and Branch: A Ten-Year Historical Retrospective**  
*Lamar B/C*
- 2:15 pm – 3:15 pm **WO Talent Acquisition, Retention, and Utilization in a Dynamic and Fluid Army Environment**  
*Estes B*
- 2:40 pm – 3:00 pm **Solution Review: Data Protection at the Tactical Edge**  
*Engagement Theater*
- 3:00 pm – 5:15 pm **G6 Special Session**  
*(by invitation only)*  
*Lamar A*
- 3:15 pm – 4:15 pm **Top 5 Ways to Simplify Network Consolidation and Modernization for the Army**  
*Engagement Theater*  
**Supported by**  **vmware**  
by Broadcom
- 3:30 pm – 4:15 pm **Keynote Address**  
*Oglethorpe ABCDE*  
**Supported by**  **UKI**  
Ultimate Knowledge Institute
- 3:30 pm – 4:30 pm **AFCEA Greater Augusta Chapter Course: Infrastructure and Cybersecurity Exercise Development at Local Levels with State and Federal Involvement \***  
*Estes A*
- 3:30 pm – 4:30 pm **Harnessing AI In Digital Forensics and Advancing Criminal Investigations through Innovative Data Extraction and Collaborative Efforts**  
*Cumming*
- 3:30 pm – 4:30 pm **The Army Solution to Producing Cyberspace Capability Developers – A USCYBERCOM Pacing Item**  
*Estes B*
- 3:30 pm – 4:30 pm **Transforming the Army to the Unified Network**  
*Lamar B/C*
- 4:00 pm – 5:30 pm **Networking Reception**  
*Exhibit Area*  
**Supported by**  **COMCAST BUSINESS**

## WEDNESDAY, AUGUST 21

- 7:00 am – 9:00 am **Coffee Break**  
*Plaza Lobby/ Riverwalk Hallway*
- 8:00 am – 9:00 am **AFCEA Greater Augusta Chapter Course: Code Documentation and Analysis to Secure Software Development\***  
*Estes A*
- 8:00 am – 9:00 am **AFCEA Greater Augusta Chapter Small Business Workshop, Session 1: Emerging Technology Opportunities for Small Businesses in the Federal Government\***  
*Lamar A*  
**Supported by**  **PHASE I**
- 8:00 am – 9:00 am **Increasing Army's Live/Virtual/Constructive EW Training**  
*Lamar B/C*
- 9:15 am – 10:00 am **Morning Keynote: Our Army Profession**  
*Oglethorpe ABCDE*  
**Supported by**  **UKI**  
Ultimate Knowledge Institute
- 9:30 am – 11:00 am **Networking Break/View Exhibits/Coffee Break**  
*Exhibit Area*
- 10:00 am – 10:20 am **Cyber Research Showcase Presentation: Code Comprehension and Maintenance via Effective Documentation**  
*Cumming*
- 10:00 am – 2:00 pm **Middle & High School Capture the Flag\***  
*(Separate registration required)*  
*Georgia Cyber Center*  
**Supported by**  **PARSONS**
- 10:10 am – 10:30 am **Solution Review: Transforming the U.S. Army Network Workforce: A Future-Focused Approach to Automation and Efficiency**  
*Engagement Theater*
- 10:15 am – 11:00 am **Keynote Address: Implementing Agile and Adaptive C2**  
*Oglethorpe ABCDE*
- 10:15 am – 11:15 am **AFCEA Greater Augusta Chapter Course: ROTC Panel: Risk Management- Fundamental for Cybersecurity\***  
*Estes A*
- 10:15 am – 11:15 am **Strengthening Supply Chain Defenses Against Nation – State Attacks\***  
*Lamar B/C*
- 10:15 am – 11:30 am **AFCEA Greater Augusta Chapter Small Business Workshop, Session 2: How Can Small Businesses Operate in a DoD Environment\***  
*Lamar A*  
**Supported by**  **PHASE I**
- 10:15 am – 11:45 am **Implementation of DoD 8140: Deploying and Agile, Capable, and Ready Cyber Workforce**  
*Georgia Cyber Center Auditorium*
- 10:30 am – 10:50 am **Cyber Research Showcase Presentation: An Analysis and Literature Review of Cyber – Physical Attacks on Building Enterprise Security**  
*Cumming*
- 10:40 am – 11:00 am **Solution Review: Cyberspace Operation in Multi-Domain Operations**  
*Engagement Theater*
- 11:00 am – 11:20 am **Cyber Research Showcase Presentation: The Use of Mirroring to Reduce Data Bias**  
*Cumming*
- 11:00 am – 1:00 pm **Networking Lunch/View Exhibits**  
*Exhibit Area*
- 11:10 am – 11:30 am **Solution Review: Utilizing AI to Unlock Data Essential to Mission Success**  
*Engagement Theater*
- 11:30 am – 11:50 am **Cyber Research Showcase Presentation: Using Blockchain to Prevent Ransomware Attacks**  
*Cumming*
- 11:30 am – 12:30 pm **AFCEA Greater Augusta Chapter Course: Implementing Zero Trust Capabilities in Modern Architecture\***  
*Estes A*
- 11:30 am – 12:30 pm **Capability Management of Electromagnetic Warfare and Future Vision of Army Electromagnetic Warfare**  
*Lamar B/C*
- 11:30 am – 12:30 pm **EW and Signal at Division and Below: Collecting, Analyzing, Deciphering, Communicating, and Transmitting Relevant Data**  
*Estes B*

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# TECHNET AUGUSTA 2024 PROGRAM SCHEDULE (As of July 29, 2024)

## WEDNESDAY, AUGUST 21 (Continued)

<p>12:00 pm – 1:00 pm <b>Acquisition Program: Accelerate: Acquisition Strategy for AI</b> <i>Oglethorpe ABCDE</i></p> <p>1:15 pm – 2:00 pm <b>Afternoon Keynote</b> <i>Oglethorpe ABCDE</i></p> <p>2:00 pm – 4:00 pm <b>CompTIA Learning Solutions Series: The Next One Won't be a Fair Fight: Preparing for Practical Exponential Cybersecurity*</b> <i>Estes B</i></p> <p>2:10 pm – 2:30 pm <b>Cyber Research Showcase Presentation: AI Gone Phishing: Leveraging Generative AI Models for Crafting Spear Phishing Attacks</b> <i>Cumming</i></p> <p>2:10 pm – 2:30 pm <b>Solution Review: Optimizing SATCOM Bandwidth and Spend through Network Traffic Analysis</b> <i>Engagement Theater</i></p> <p>2:15 pm – 3:00 pm <b>Cyber School 10 Year Celebration</b> <i>Lamar B/C</i></p> <p>2:15 pm – 3:15 pm <b>Acquisition Program: Future Forward</b> <i>Oglethorpe ABCDE</i></p> <p>2:15 pm – 3:15 pm <b>AFCEA Greater Augusta Chapter Course: Supply Chain Risks &amp; Cybersecurity Technologies*</b> <i>Estes A</i></p> <p>2:15 pm – 3:30 pm <b>AFCEA Greater Augusta Chapter Small Business Workshop, Session 3: How Can a Small Business Successfully Start and Sustain Business with State/Federal Government Programs/Resources*</b> <i>Lamar A</i>  <i>Supported by</i></p> <p>2:40 pm – 3:00 pm <b>Cyber Research Showcase Presentation: Sound Waves and Security: An Acoustic Attack on Keyboards</b> <i>Cumming</i></p>	<p>2:40 pm – 3:00 pm <b>Solution Review: Mission Edge Data – A Realized Solution for Flightline and Beyond</b> <i>Engagement Theater</i></p> <p>3:15 pm – 4:15 pm <b>Fortifying the Frontlines: Integrating Asset Management and Cybersecurity*</b> <i>Engagement Theater</i> <i>Supported by</i> </p> <p>3:30 pm – 4:30 pm <b>AFCEA Greater Augusta Chapter Course: Beans, Bullets, and Bytes: Realizing the Promise of Zero Trust *</b> <i>Estes A</i></p> <p>3:30 pm – 4:30 pm <b>Senior Enlisted Trailblazer Session</b> <i>Lamar B/C</i></p> <p>3:30 pm – 4:45 pm <b>AFCEA IDEA Panel: Leveraging Inclusivity in Cybersecurity*</b> <i>Oglethorpe ABCDE</i> <i>Supported by</i>  <i>and</i> </p> <p>4:00 pm – 5:00 pm <b>CompTIA Learning Solutions Series: Practical 8140 Implementation: Preparing Individuals for Today's Long-Term and Pacing Challenges*</b> <i>Estes B</i></p> <p>4:30 pm – 6:00 pm <b>Student Research Poster Show</b> <i>Riverwalk Hallway</i></p> <p>4:30 pm – 6:00 pm <b>AFCEA IDEA Reception</b> <i>(Open to IDEA Panel attendees only)</i> <i>Riverwalk Hallway</i> <i>Supported by</i>  </p> <p>6:00 pm – 9:00 pm <b>Past and Present Warrant Officer No-Host Social</b> <i>(Open to all current and former WOs)</i> <i>Crowne Plaza, 1060 Center St, North Augusta SC</i></p>
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## THURSDAY, AUGUST 22

<p>7:00 am – 8:00 am <b>Coffee Break</b> <i>Plaza Lobby/Riverwalk Hallway</i></p> <p>8:00 am – 8:45 am <b>Keynote Address: Information Advantage vs a Pacing Threat: An INDOPACOM Perspective</b> <i>Oglethorpe ABCDE</i> <i>Supported by</i> </p> <p>8:30 am – 10:00 am <b>Exhibit Hall Break</b> <i>Exhibit Area</i></p> <p>9:00 am – 9:20 am <b>Solution Review: A Commander's-Intent-Driven Network to Enable Cyberspace Operations from the Tactical Edge and Beyond</b> <i>Engagement Theater</i></p> <p>9:00 am – 10:00 am <b>Lessons Learned from ARNG Cyber Shield 2024</b> <i>Cumming</i></p> <p>9:00 am – 1:00 pm <b>Future Leaders Pavilion: Charting Your Pathway Into Cybe</b> <i>Lamar A/B/C</i></p> <p>9:30 am – 9:50 am <b>Solution Review: Data Analytics at the Tactical Edge</b> <i>Engagement Theater</i></p> <p>9:30 am – 11:30 am <b>Introduction to Fortinet Federal Network Security*</b> <i>Estes B</i></p> <p>10:00 am – 10:20 am <b>Solution Review: The Multi-Domain Cyber Imperative: Building a Core of Security around Mission-Critical Data</b> <i>Engagement Theater</i></p>	<p>10:15 am – 11:30 am <b>NCO Panel: Empowering the Enlisted Force for Today's Future Fight (In and Through the EMS)</b> <i>Oglethorpe ABCDE</i></p> <p>10:30 am – 10:50 am <b>Solution Review: Speed the Tactical Data Analytics and AI Mission with ZSP Identity Security at the Edge</b> <i>Engagement Theater</i></p> <p>10:30 am – 11:00 am <b>ARCYBER's Radio Frequency (RF) Data Pilot</b> <i>Cumming</i></p> <p>11:00 am – 11:20 am <b>Solution Review: Data Analytics for Decision Dominance at the Edge</b> <i>Engagement Theater</i></p> <p>11:00 am – 1:00 pm <b>Networking Lunch/View Exhibits</b> <i>Exhibit Area</i></p> <p>12:45 pm – 1:45 pm <b>Closing Keynote: Information Advantage: Transforming the Battlefield for 2030 &amp; Beyond &amp; Closing Remarks</b> <i>Oglethorpe ABCDE</i> <i>Supported by</i> </p> <p>2:00 pm – 6:00 pm <b>Cyber Quest 2025 Industry Day</b> <i>Lamar ABC</i></p> <p>2:00 pm – 6:00 pm <b>Cyber/EW Senior Enlisted Special Session</b> <i>(Open to Senior NCOs only)</i> <i>Estes A</i></p> <p>2:00 pm – 6:00 pm <b>Cyber/EW Warrant Officer Special Session</b> <i>(Open to WOs only)</i> <i>Estes B</i></p>
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