

TRACK Sessions Agenda

Subject to Change

Four Tracks

1. The Evolving Role of Cybersecurity

This track will cultivate new conversations about topics ranging across the entire field of cybersecurity, and especially with an eye toward how cybersecurity interacts with other key priorities. As such, sessions will examine topics such as risk management, supply chain, emerging technologies, secure software procurement, emerging threats, asset management, artificial intelligence, and quantum computing through a lens of practical questions geared toward what network owners should do in the real world and with limited resources to address these challenges. Conversations will address the latest developments regarding the National Cyber Strategy, including exploring how it can support and improve the work of the DOE enterprise with our partners. The track will also shine spotlights on the wide array of advanced capabilities and research & development projects across the enterprise that have the potential to change these real-world decision-making calculations in our favor and shore up our collective defenses in the years to come.

2. Accelerating Sustainable Innovation

Innovation and technology advancement is crucial for almost every aspect of life in modern society. Breakthrough technologies can provide tangible benefits, advance goals, and improve outcomes in everything from health and safety to education and national security. This track will explore opportunities and challenges for the development and deployment of advanced technologies and services to meet the missions we share across the DOE enterprise, which encompass many of the nation's most pressing needs.

3. Strengthening and Empowering the IT/Cyber Enterprise Workforce

This track will provide best practices to hiring managers and leaders on how to attract and grow a diverse cyber and IT talent pool, enhance opportunities for entry level members and ensure opportunities for continuous learning and professional development, strengthen and empower the existing enterprise workforce, and help to identify methods that assist in the retention of cyber and IT talent. Additional sessions will cover current successes in training and implementation and how information sharing and collaboration across government can foster conversations and ensure that resources are equitable and available.

4. Securing Critical Infrastructure

This track will explore topics related to DOE's efforts in current and future energy system cybersecurity research, development, and demonstration (RD&D). By closely collaborating with its partners in these areas, DOE ensures the security of the nation's critical energy infrastructure. Notable discussions will focus on collective defense efforts in areas such as the energy sector supply chain, clean energy systems, and university-based R&D, among others. A key highlight of this track will be the transition to the clean energy grid. As the grid evolves to incorporate renewable energy and distributed energy resources (DER), managing and securing this transition by building cybersecurity resilience into the design of every project will be essential to ensuring reliable and clean electricity delivery in the future.

Tuesday, May 9

Time	Session	Location
10:45am – 11:30am	Track Session 1	
	1. Spooky Cryptographic Visibility at a Distance	TBD
	2. Digital Engineering 2033: Future of Digital Innovation in Complex Energy Systems	TBD
	3. Thinking Outside the Box: Creative Strategies to Navigate the IT/Cyber Talent Landscape	TBD
	4. Building a Resilient and Secure Clean Energy Future: Cybersecurity Challenges and Solutions	TBD
2:25pm – 3:10pm	Track Session 2	
	1. 1. IPv6 Transition: Balancing Risk and Opportunity	TBD
	2. 2. Demonstrating our secure, clean energy future at the national labs	TBD
	3. 3. Preparing the Workforce for Future Mission Requirements at the National Labs, Plants and Sites	TBD
	4. 4. Balancing Innovation and Security: Cybersecurity Risk in the Energy Sector	TBD
3:45pm – 4:30pm	Track Session 3	
	1. 1. Innovation Pitches: Enterprise Cybersecurity	TBD
	2. 2. Enter the Metaverse: Applied Digital Engineering	TBD
	3. 3. Exploring the Diversity and Inclusion Gap in Cybersecurity	TBD
	4. 4. Charging Ahead: Securing the Nation's Electric Vehicle (EV) Infrastructure	TBD

Wednesday, May 10

Time	Session	Location
10:45am – 11:30am	Track Session 4	
	1. Laboratory-developed solutions benefiting research, development, and operations	TBD
	2. If you care about cybersecurity, you should care about quantum	TBD
	3. Spotlight Session: Women in IT and Security: Female Leaders Reshaping the Industry	TBD
	4. Embracing Security and Resilience by Design: Implementing the National Cyber Strategy to Secure the Grid of the Future	TBD
2:25pm – 3:10pm	Track Session 5	
	1. Managing Supply Chains and Mitigating Global Risk	TBD
	2. Energy Hub	TBD

	3. Machine Learning, Artificial Intelligence, and the Future Workforce	TBD
	4. Collective Cyber Defense of Critical Infrastructure Using Consequence-driven Cyber-informed Engineer (CCE) and Traditional Cyber Security Approaches	TBD
3:45pm – 4:30pm	Track Session 6	
	1. Innovation Pitches: I OT-IT integration	TBD
	2. Ones and Net-Zero: Aligning Carbon Reduction and Cybersecurity Standards	TBD
	3. How to Foster a Collaborative Culture within Federal Agencies	TBD
	4. Securing the Energy Sector Supply Chain: Investing in Technology and Collaboration	TBD
Thursday, May 11		
Time	Session	Location
8:00am – 8:45am	Track Session 7	
	1. Embarking on an Operational Technology (OT) Exploratory Journey	TBD
	2. Next Steps for CCE	TBD
	3. Keeping the Enterprise Secure in a Hybrid Work Environment	TBD
	4. The More you Know: Critical Infrastructure Security through Effective Threat Information Sharing	TBD
8:55am – 9:40am	Track Session 8	
	1. Leveraging 5G to transform our digital landscape and serve as a catalyst for innovation, new markets, and economic growth.	TBD
	2. After the License: What happens when cybersecurity technologies transition to the market	TBD
	3. Leadership Strategies to Foster Growth in a DEIA Environment	TBD
	4. The Role of University-based R&D in Securing the U.S. Energy Sector	TBD
10:15am – 11:15am	Track Session 9	
	1. Innovation Pitches: Laboratory R&D	TBD
	2. CCE+Climate: Grid Resilience in the Face of Climate Change Impacts	TBD
	3. Adaptive Tools and Applications for the Workforce of the Future	TBD
	4. New OT Cyber Coalition	TBD