NASS

NORTH AMERICAN SPACE SUMMIT

February 5-6, 2024 | Greektown, Detroit

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Monday February 5th	
8:00 – 8:15 am	**Welcome**
8:15 – 9:15 am	**Keynote** The Air Force Research Laboratory is responsible for the execution of space related research, and the acquisition and integration thereof. Learn which technologies are a priority for the Air Force & Space Force: AI, Cybersecurity, Autonomous Systems, and Quantum computing. Don't miss this vision of the future.
9:15 – 10:00 am	**Resilient Space Architecture** Find out about critical aspects of space architecture like rapid response launch, on-orbit resiliency, and alternative propulsion. Learn from industry-leading panelists, including a spacecraft manufacturer, launch provider and spacecraft fueling expert. The session will explore how advanced technologies and streamlined processes can significantly enhance mission effectiveness.
10:00 – 10:30 am	Networking Break
10:30 – 11:15 am	**Academia** How academia will shape the technological landscape in the immediate future. Join us in exploring how academia drives innovation in artificial intelligence, cybersecurity, quantum computing, and autonomous systems. Listen to and meet thought leaders as they discuss their university's expanding research, development, and strategies on these technologies.
11:15 – noon	**Autonomous Systems** Join us to learn how the autonomous systems of tomorrow will be realized through the intersection of quantum computing, AI and machine learning. See how autonomous space systems are influencing development of autonomous ground vehicle technologies. Secure your spot now to be part of this transformative dialogue, shaping the future of interconnected autonomy.
Noon - 1:00 pm	Luncheon
1:00 – 1:45 pm	**NASA and the Future of the Kennedy Space Center (KSC)** Join us as we unveil a roadmap of innovation, showcasing upcoming launches, ambitious interplanetary expeditions, and groundbreaking collaborations at KSC. From low earth orbit to the Moon, to Mars and beyond, KSC is the epicenter of future space exploration. Secure your spot now to be part of this historic journey shaping the future of space missions from KSC.
1:45 – 2:30 pm	**Cybersecurity** Understand how quantum computing will put today's hackers out of business. Join experts who are creating quantum-based cybersecurity systems. With the continuing threat of cyber breaches, the need for a quantum solution grows. If you are in the cybersecurity industry you will not want to miss hearing from these experts.
2:30 – 3:15 pm	**Artificial Intelligence (AI)** AI capabilities are still in their infancy. Learn how this nascent technology is about to take off. AI integrated into quantum computing platforms will lead to the greatest exponential growth humanity has ever experienced in technology. This session is your gateway to understanding how AI will reshape your life.
3:15 – 3:45 pm	Networking Break
3:45 – 4:30 pm	**Quantum Computing** Quantum computing is coming. Today's industry leaders predict the first quantum computers will be commercially available by 2027. Those first-to-market with quantum operating system will have an economic and technological competitive advantage. Be part of this transformative, technological innovation.
4:30 – 5:00 pm	**Space Traffic Jam** Could space be as congested and chaotic as our city traffic during rush hour? Imagine every satellite, spacecraft, and space station constantly maneuvering, dodging, and scrambling to avoid collisions. It's not theoretical; it's our imminent future unless we revolutionize space traffic management.
5:00 – 6:30 pm	Networking Reception

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Tuesday February 6th	
8:00 – 8:15 am	Welcome
8:15 – 9:15 am	**Digital Ecosystem** Learn why the DoD is prioritizing the creation of a digital ecosystem to revolutionize defense operations. Understand strategies for seamless integration, enhanced communication, and optimized logistics. From harnessing AI and blockchain to fostering cyber resilience, this session delves into the future of the warfighter's mission.
9:15 – 10:00 am	**Strategic Diversity** Discover how organizations thrive by prioritizing Strategic Diversity while amplifying underrepresented voices. This session promises eye-opening discussions, real-world success stories, and innovative approaches to Strategic Diversity. Embrace "Strategic Diversity" – register now and join us in shaping a more equitable and empowering future.
10:00 – 10:30 am	Networking Break
10:30 – 11:15 am	**Air Force Research Laboratory (AFRL) Hypersonic R&D** Step into the future of aerospace innovation at our riveting conference session spotlighting the AFRL Hypersonic Research and Development Program. Explore propulsion breakthroughs, materials advancements, and the transformative potential of hypersonic flight. This session offers an exclusive insight into the program's achievements and future trajectory.
11:15 – Noon	**Artificial Intelligence (AI) in Medicine** Join us to explore the revolutionary convergence of AI and healthcare, revolutionizing diagnostics, treatment, and patient care. AI can perform as well as or better than humans at key healthcare tasks. Today, algorithms are, in some circumstances, outperforming radiologists at spotting malignant tumors, and guiding researchers in how to construct cohorts for costly clinical trials.
Noon - 1:00 pm	Luncheon
1:00 – 2:00 pm	**Michigan Launch Initiative (MLI) & Space Enabled Connectivity for Advanced Mobility (SECAM)** An exclusive update on the Michigan Launch Initiative (MLI), the Mid-America Hypersonic Suborbital Test Range (MAHSTR), and the launch of the Space Enabled Connectivity for Advanced Mobility (SECAM) program. Discover the latest achievements, milestones, and breakthroughs spotlighting Michigan's ascent in the aerospace arena.
2:00 – 3:00 pm	**Industry Connect**

6TH ANNUAL NORTH AMERICAN SPACE SUMMIT
—————— **February 5-6, 2024** ——————
Atheneum Suites Hotel, Greektown, Detroit, MI