



2025 IEEE New Era AI:

Uniting Satellites, Humanity and a Smart World

December 5-7 2025, Seattle, WA, USA

Connecting the sky, Empower the earth



World Leaders Summit

From Insight to Impact:

Shaping the Future of Intelligence

Orbit-to-Earth AI for Smart world and Humanity Symposia

Transforming the impossible into reality.

AI Innovation for a Smart World Technology Tracks and Workshops

Charting the Future of smart and secure

Next Gen & Beyond UAV ,Robotics & Humanoid EXPO

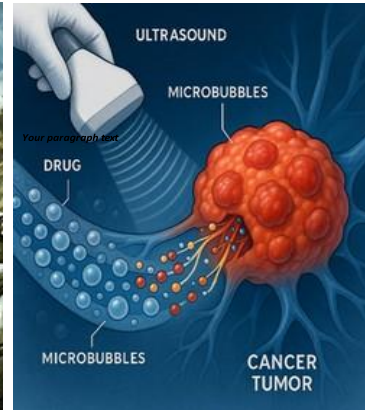
Live in Action: Cutting-Edge Drones, Smart UAV & Futuristic Humanoid

Global AI for Humanity Innovation Challenge

Invent for Humanity, Compete for Impact

New Era Try Engineering AI Workshops

Gear Up for Greatness—Try Engineering in Action!



[2025 IEEE New Era AI Web site](#)

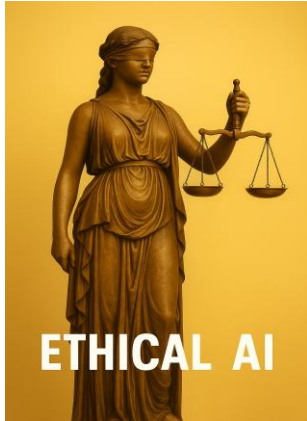
[Global AI for Humanity Innovation Challenge](#)



I. New Era AI World Leaders Summit- Charting the Next Decade

Join **global technology leaders**—distinguished experts, senior executives, chief scientists, and government officials—as they share **visionary insights** on the future of technology. Explore how AI, satellites, and smart systems will **transform industries, reshape society, and tackle humanity's most pressing challenges**.

II. Thematic Symposia:



1: AI in Action – New Tools, Ethical AI, and Cybersecurity

A) Frontline AI

Exploring the latest AI tools and platforms reshaping industries, advancing research, and transforming everyday life. Transform today's unresolved challenges into tomorrow's groundbreaking solutions and real-Life Applications.

B) Ethical & Responsible AI

Addressing fairness, transparency, and societal trust in intelligent systems.

C) AI & Cybersecurity

AI has been used both as most sophisticated cyber threats and as one of our strongest defense forces against them. We delve into the latest development and tools to combat challenges.

2. AI for Humanity: Discover how the fusion of Artificial Intelligence, Satellite Systems, LEO, GNSS and Earth Intelligence is driving breakthroughs in: Natural disaster prevention & rescue, Smart farming & sustainable water management, Sanitation and telemedicine, as well as Autonomous, and intelligent tools.



3. Satellite & Next-Generation Communication Intelligence

Discover how AI, LEO, GNSS and satellites are reshaping our connected world—

The recent breakthrough in low-orbit AI-powered satellite and broadband communication enables access to previously unreachable regions, such as forests and the sea. That innovation enabled the prevention, mediation, rescue, and telemedicine of natural disasters in rural, sea, and desert areas. This track also discusses the applications in smart cities and UAVs. It explores the innovations that will shape communication and exploration in the decades ahead.

4. AI in Medicine: Conquering Complex Diseases & Advancing Smart Healing

Where Intelligence Meets Compassionate Care.

Redefining solutions for life-threatening diseases through breakthroughs in drug development, delivery, and preventive care. This symposium explores cutting-edge innovations in remote diagnostics, personalized healthcare, and affordable medical treatment.

5. Hardware, Storage, Power & Future Applications AI needs advanced chips, devices, robust hardware, innovative firmware, intelligent systems, breakthrough storage and innovative power to function. This session highlights foundational innovations that power the intelligent ecosystem—essential for realizing AI's full potential in serving humanity.

6. Robotics & UAVs Innovation

Showcasing autonomous vehicles, humanoid robots, and UAV systems latest innovation, design, application and impact.

III. AI innovations for Smart World-Technology tracks

1. Intelligent Commerce: AI's Revolution in Business, finance & Retail from Smart Stores to Intelligent Supply Chains—The Future Starts Here.

Turning Data into Growth Opportunities.

2. AI, Satellite GNSS & Leo for Industries & Infrastructure

From Innovation to Transformation—Industry Reinvented.

Using AI and Satellite to Map Infrastructure & Industries: AI is transforming every stage of the industrial value chain—from R&D and supply chain optimization to digital twins, system-wide control, and intelligent quality management. It powers receiving and delivery, inspection and testing, monitoring and control, and more—driving efficiency, resilience, and innovation across all nodes of modern infrastructure.

3. AI and Ultrasound in Medicine:

From Diagnosis to Healing—Intelligence in Action

Transforming medicine, drug delivery, smart mRNA, and NeuroModulation.

4. AI for Vitality: Smart Farming, Nutrition, Health & Longevity

From organic smart farming and precision nutrition to the intelligent use of trace elements, vitamins, and nutrients as natural alternatives to medicine. By guiding personalized diets, exercise habits, supporting cellular renewal, and advancing holistic health solutions, AI is helping humanity move toward a future of resilience, vitality, and longevity.

IV. Hands-On with Tomorrow: Cutting-Edge AI Interactive Workshops

Where you'll test-drive the latest AI innovations and applications shaping industries and humanity today.

V. UAV, Humanoids & Robotics immersive Experience Zone – The Future in Motion

Enter a world where imagination meets innovation. The Robotics Experience Zone brings you face-to-face with drones, humanoids, and intelligent tools that embody the future in motion.

VI. Intelligent Interactive Exhibitions

Where Intelligence Meets Imagination, an immersive experience where you enjoy in person.

VII. Global AI for Humanity Innovation Challenge

A international competition inviting teams of students- faculty, and young professionals to design and present transformative AI solutions addressing some of humanity's most urgent challenges. Winners will receive recognition, cash prizes, and opportunities for mentorship and global impact.

VIII. AI Try Engineer Workshops

The AI Try Engineering Workshops, designed to engage middle, and high school students. Students will explore: 1) How AI works
2).Tools and technologies used in AI and 3) Ethical considerations in AI.

Join us in shaping the next generation of innovators through hands-on learning and future-focused exploration.

