Instituto Bienal Amazonia (IBA)
&
New York International Contemporary Art Society (NYICAS)

Present

"Futurize Summit: Shaping Tomorrow's World"

Produced by
FuturizeSummit

Supported by
SaphiraVentura
Media & Entertainment

What: Our events bring together leaders in technology, sustainability, architecture, art and design.

When: The Futurize Summit series will happen in 2025 and 2026.

How: Experts will discuss innovative solutions in Health, Energy, Education, and the Industrial Metaverse, fostering groundbreaking collaborations.

Where: The Futurize Summit will happen in several capitals around the world. Shaping Tomorrow's Industry, a precursor to COP30 / 2025, and help shape a progressive and impactful future."

THE EVENTS

- ***2024 G20 Rio de Janeiro Summit***

- ***2025 New York, Egypt, Ibiza, Paris, Venice, Sao Paulo, and Brasilia Summits.***

- ***2025 COP30 Belem Summit***

"Futurize Summit: Shaping Tomorrow's World"

Join us at The Futurize Summit, a pioneering event unveiling the industry's future. Explore the synergetic potential of cutting-edge technologies reshaping our world. Experience the "Art Exhibition," showcasing technology and its utility integration.

Summits: 2025/2026

Exhibitions: 2024/2025

https://www.nyicas.org/events/futurize-summit/

https://www.nyicas.org/eve

Don't miss this transformative event!

VISION FOR THE SUMMIT:

A gathering of thought leaders, innovators, and businesses to discuss and demonstrate the transformative power of converging new technologies.

KEY TOPICS:

Robotics and AI: Revolutionizing Automation.
Fields of study: Energy, Education, Healthcare, Industrial Metaverse, Gocean20 and Gurban20.

Web3: The New Internet Paradigm

Cryptocurrencies Education: Rethinking Financial Transactions
Blockchain: The Backbone of Digital Trust
NFTs: Ownership and Value in the Digital Age
The Industrial Metaverse: Next-Gen Industrial Revolution

FORMAT:

Keynote Speeches
Panel Discussions
Interactive Workshops
Live Demonstrations
Networking Sessions

CALENDAR TIMETABLE:

SUMMIT

Day 1

Day, time and subject

Breakfast and Networking

9:00 am - 9:45 am

Summit 01

- Opening the Event: Welcoming all participants for the Summit to come, learn, network, and understand how new technologies can help improve the energy sector.

10:00 - 10:20 / 10:30 – 10:50 / 11:00 - 11:20
+ 11:30 – 12:00 Panel Q/A.

3 panels of 20 minutes each + Q/A Panel.
Lectures on the following topics: AI and IoT for Energy Demand Forecasting, Blockchain for Transparent Energy

Repair, Cryptocurrencies for Energy Trading, NFTs for Renewable Energy Certificates, Web3 for Decentralized Energy Management, Industrial Metaverse for Grid Simulation and Training, and Community Engagement and Education.

- Understanding the market Mindset

12:30 pm - 1:30 pm

Listen and understand the importance of seeing work from the eyes of the public and understanding how they tick.

- How to Begin entrepreneurship.

1:30 pm - 2:30 pm

Dive into the exciting world of the market and start your own business.

Education

- The Future of Education with the Advancement of New Technologies

3:00 pm - 4:00 pm

Contemporary issues in the Education field take us on an introspective journey on where we are going in the realm of New Technologies.

- Generative Education: Coding Experiences - Archive Tokenization

4:00 pm - 5:00 pm

Get ready to dive into the fascinating world of generative education and explore immersive coding experiences. Understanding the transformative power of NFTs and blockchain and strategies to implement tokenization.

- Education in the Digital and AI World

5:30 pm - 6:30 pm

Explore the possibilities the new technologies are bringing to our Education Field. We invite you to explore fresh revenue streams and witness the seamless integration of classical photos into the digital realm.

- Digital and Immersive Show & Cocktails Evening Event.

7:00 pm - 8:30 pm

Come and enjoy cocktails, Digital and immersive show, music, and an incredible digital art experience.

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Day 2

Friday, November 22nd.

-Breakfast and Networking.

9:00 am - 9:45 am

Healthcare

- Welcoming all participants for the Healthcare Summit to come, learn, network, and understand how new technologies can help improve the health sector. Lectures.

10:00 am - 12:30 pm

-Understanding the healthcare marketplace Mindset: Web3 for Decentralized Healthcare Platforms.

LUNCH: 12:30 pm to 1:15 pm

-Panel: Advanced Healthcare System.

1:30 pm - 2:30 pm

To develop personalized treatment plans. This can lead to more effective treatments and better patient outcomes. Get inspired by the fusion of technology and creativity as we explore how digital innovations can help researchers interact directly, share data securely, and collaborate on healthcare treatment plans and Robotics in Surgery and Care.

Industrial Metaverse

- Design and Prototyping with AI and Robotics

3:00 pm - 4:00 pm

AI-Powered Quality Control, Blockchain for Supply Chain Transparency, NFTs for Unique Product Verification, Cryptocurrency Transactions for B2B Interactions, Web3 for Decentralized Manufacturing Processes, and Customer Engagement and Feedback.

- Interactive Training and Operations in the Metaverse

4:00pm - 5:00pm

Transparency, efficiency, and quality are enhanced through the use of advanced technologies in an interconnected digital environment.

A WORLD OF INNOVATORS AND RENOWNED EXPERTS AWAITS YOU

BRING INNOVATION INTO YOUR BUSINESS

WHY?

Brand Visibility: Align with innovation and future tech leaders.
Targeted Networking: Connect with top-tier industry professionals.
Thought Leadership: Position your brand as a forward-thinking entity

Anticipated Attendance: 1200 industry professionals

Demographic Breakdown:

CEOs and CTOs
Tech Entrepreneurs
Industry Analysts
Policy Makers
Academic Researchers

Marketing Reach:
Social Media
Campaigns Industry
Partner Networks
Email Marketing to
25,000 Subscribers

Highlight notable outcomes, testimonials, and impacts

Seize the unique opportunity to shape the future with us. Become a pivotal force in our summit, a platform that will redefine industry standards and foster groundbreaking collaborations.

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nyicas.org

Thank You:

We look forward to the possibility of collaborating with you to make the Futurize Summit a landmark event that will set the stage for the next industrial revolution.

The Futurize Summit Team consists of experts in their respective fields.

This document serves as an executive summary, emphasizing the value and opportunities the summit presents. It is designed to be informative, capturing the essence of the summit and the potential benefits the participants.

APPENDIX

Let's consider cases involving the integration of Robotics, AI, Web3, Cryptocurrencies, Blockchain, NFTs, and the industrial metaverse in the areas of Energy, Education, Health, and industrial Metaverse in six different contexts:

1 Scenario: Smart Energy Grid Management

- **AI and IoT for Energy Demand Forecasting**:
  - AI algorithms analyze data from Internet of Things (IoT) sensors spread across an energy grid. This data includes consumption patterns, weather forecasts, and real-time energy demand. The AI predicts energy requirements, optimizing the distribution and generation of electricity.
- **Blockchain for Transparent Energy Transactions**:
  - Blockchain technology is utilized to create a transparent and secure ledger for energy transactions. This includes tracking the production, distribution, and consumption of energy, ensuring accurate billing and efficient grid management.

- **Robotics in Maintenance and Repair**:
  - Robotics, controlled remotely or autonomously, are employed for the maintenance and repair of energy infrastructure, such as wind turbines, solar panels, and power lines. These robots can perform routine inspections and repairs, reducing downtime and improving safety.

- **Cryptocurrencies for Energy Trading**:
  - Cryptocurrencies enable a decentralized marketplace for energy trading. Consumers and producers (like those with solar panels) can buy and sell excess energy directly using digital currencies, bypassing traditional energy companies.

- **NFTs for Renewable Energy Certificates**:
  - Renewable Energy Certificates (RECs), representing proof of renewable energy generation, are tokenized as NFTs. This makes it easier to trade and track the ownership of these certificates, promoting investment in renewable energy.

- **Web3 for Decentralized Energy Management**:
  - Web3 platforms facilitate decentralized energy management, allowing consumers, producers, and utility providers to interact directly and make collective decisions about energy distribution and usage.

- **Industrial Metaverse for Grid Simulation and Training**:
    - The industrial metaverse is used to create a virtual simulation of the energy grid. Here, engineers and technicians can train, simulate different scenarios (like demand spikes or supply shortages), and plan grid expansions without real-world risks.

- **Community Engagement and Education**:
    - The public can access the metaverse to learn about energy consumption, renewable sources, and how to contribute to a more sustainable energy future. This engagement helps in raising awareness and promoting energy-efficient practices.

In this scenario, the combination of these technologies leads to a more intelligent, efficient, and sustainable energy sector. The smart grid becomes more responsive to real-time demands, consumers are empowered through direct trading and participation, and the overall reliability and sustainability of the energy system are enhanced.

Sustainability pillars: Integrating Robotics, AI, Web3, Cryptocurrencies, Blockchain, NFTs, and the industrial metaverse in sustainability projects can lead to innovative solutions for environmental, social and economic challenges.

2 Scenario: Education for Smart Reforestation and Environmental Monitoring Project

- **AI and Satellite Imaging for Deforestation Monitoring**:
  - AI algorithms analyze satellite images to monitor deforestation and environmental degradation. This data helps in identifying critical areas that need reforestation and conservation efforts.

- **Blockchain for Transparent Project Tracking**:
  - Blockchain technology is used to maintain transparent records of reforestation efforts, including the number of trees planted, locations, and growth progress. This ensures accountability and trust among stakeholders and donors.

- **Robotics in Planting and Maintenance**:
  - Drones and ground robots are deployed for planting trees and monitoring their growth. These robots can access difficult terrains, plant seeds efficiently, and gather data on soil health and tree growth.

- **Cryptocurrency Funding and Incentives**:
  - Cryptocurrencies enable easy and global fundraising for sustainability projects. They also provide a means for rewarding communities and individuals who actively participate in reforestation and conservation activities.

- **NFTs for Environmental Impact Credits**:
  - Tokenizing environmental impact, such as a certain number of trees planted or carbon offset, as NFTs. These NFTs can be traded, allowing businesses or individuals to invest in and own a share of the environmental impact.

- **Web3 for Decentralized Environmental Initiatives**:
  - Leveraging Web3 to create decentralized platforms where communities, environmentalists, and organizations can collaborate, share resources, and make collective decisions on sustainability projects.

- **Industrial Metaverse for Training and Education**:
  - The industrial metaverse provides a virtual environment for training volunteers and workers in reforestation techniques, environmental monitoring, and conservation strategies. It also serves as an educational platform to raise awareness about environmental issues.

- **Community Engagement and Global Collaboration**:
  - Engaging the global community through the metaverse and Web3 platforms, encouraging people worldwide to participate in virtual events, discussions, and awareness campaigns related to sustainability.

In this scenario, the combination of advanced technologies not only aids in practical reforestation efforts but also enhances global participation, transparency, and efficiency in sustainability projects. By leveraging these technologies, the project can scale up its impact, engage a broader community, and ensure the sustainability of its efforts.

Integrating Robotics, AI, Web3, Cryptocurrencies, Blockchain, NFTs, and the industrial metaverse in the health sector can significantly transform healthcare delivery and patient care. Here's an example:

3- Scenario: Advanced Healthcare System

- **AI for Personalized Treatment Plans**:
  - AI algorithms analyze patient data, including medical history, genetics, and lifestyle factors, to develop personalized treatment plans. This can lead to more effective treatments and better patient outcomes.

- **Blockchain for Secure Medical Records**:
  - Blockchain technology is used to create secure, unalterable medical records. Patients have control over their data and can grant access to healthcare providers as needed, ensuring privacy and data security.

- **Robotics in Surgery and Care**:
  - Robotics are employed in precision surgeries, allowing for minimally invasive procedures with higher accuracy. Additionally, robots can assist in patient care, aiding in tasks like medication delivery and mobility support.

- **Cryptocurrency Payments for Healthcare Services**:
  - Cryptocurrencies provide an alternative payment method for healthcare services, especially beneficial in cross-border medical treatments or in regions with unstable currencies.

- **NFTs for Medical Research Funding**:
  - NFTs can be used to fund medical research. For example, artists can create digital art related to health causes, and the proceeds from NFT sales can go towards medical research funding.

- **Web3 for Decentralized Health Platforms**:
  - Web3 enables the creation of decentralized health platforms where patients, doctors, and researchers can interact directly, share data securely, and collaborate on treatment plans.

- **Industrial Metaverse for Medical Training and Simulation**:
  - The industrial metaverse offers a platform for medical professionals to train in virtual environments that simulate real-life medical scenarios, enhancing their skills without risking patient safety.

- **Global Health Initiatives and Remote Consultations**:
  - The integration of these technologies facilitates global health initiatives, allowing for remote consultations, telemedicine, and international collaboration on complex medical cases and research.

In this scenario, the convergence of these technologies in the health sector improves the efficiency, accuracy, and accessibility of healthcare. It opens new avenues for patient care, medical training, and global collaboration, ultimately leading to a more interconnected and advanced healthcare system

- **Building the Industrial Metaverse Platform**:
  - Develop a virtual environment that can host interactive experiences. This would be an advanced 3D space where users can navigate, interact, and experience content as if they were in a physical space.
  - Ensure the platform can support high user concurrency, realistic physics, and interactive features.

- **Integrating AI and Robotics**:
  - Program AI to create or assist in creating digital art, which can include generating unique designs or providing creative suggestions.
  - Develop virtual AI-driven robots or avatars that can guide users through the metaverse, offering information and interactive experiences.

- **Utilizing Blockchain and NFTs**:
  - Employ blockchain technology to create and manage the ownership records of digital artworks as NFTs.
  - Implement a system for secure and transparent transactions using cryptocurrencies within the metaverse for purchasing or trading art.

- **Leveraging Web3 Technologies**:
  - Use Web3 technologies to decentralize the control of the platform, giving users ownership and control over their data and digital assets.
  - Implement smart contracts for automated agreements and transactions, like art sales or royalty distributions.

- **User Interaction and Accessibility**:
  - Design user interfaces that are intuitive and accessible, allowing users to easily navigate the metaverse, view art, and interact with features.
  - Provide options for users to experience the metaverse through various devices, including VR headsets, PCs, and mobile devices.

- **Networking and Data Management**:
  - Ensure robust server infrastructure for handling data transfer, user interactions, and live updates in the metaverse.
  - Implement data security measures to protect user data and digital assets.

- **Collaboration with Artists and Stakeholders**:
  - Work with artists to showcase their work in the metaverse and help them understand the process of tokenizing their art as NFTs.
  - Engage with stakeholders, including art galleries, collectors, and tech companies, for partnerships and collaborations.

- **Marketing and Community Building**:
  - Develop a marketing strategy to attract users and artists to the platform.
  - Foster a community of users who are interested in art and technology, encouraging them to participate in events and discussions in the metaverse.

Implementing an integrated experience in Robotics, AI, Web3, Cryptocurrencies, Blockchain, NFTs, and the industrial metaverse in the Art Business involves several steps and the collaboration of different technologies:

- **Museum Archive Tokenization**:

The "Museum Archive Tokenization: Heritage in the Blockchain" initiative harnesses NFTs and blockchain for the preservation, interactive engagement, and financialization of museum collections. This is enhanced by integrating Robotics for security, restoration, and conservation tasks, AI for artifact analysis and virtual curation, Web3 for decentralized access, Cryptocurrencies for secure transactions, and the industrial metaverse for an immersive cultural experience, revolutionizing the preservation and enjoyment of heritage.

- **Digital Preservation of Artifacts**:
  - High-resolution digital scans and 3D models of museum artifacts are created. These digital replicas serve as a means to preserve the cultural and historical significance of each item.

- **Creating NFTs of experience models**:
  - Each digital replica is turned into an NFT. This process includes attaching a unique digital identity to every artifact, which is then recorded on a blockchain. This ensures the authenticity, ownership, and provenance of each digital artifact.

- **Blockchain for Provenance and Security**:
  - Blockchain technology is used to securely store information about the museum's items, including their history, restoration records, and exhibition history. This creates an immutable record, enhancing the trust and transparency of the collection.

- **Monetizing Digital Collections**:
  - In this case, Museums can sell NFTs of their collections to collectors, art enthusiasts, and digital investors. This creates a new revenue stream, supporting the museum's operations and conservation efforts.

- **Engaging Experiences in the Industrial Metaverse**:
  - The museum creates virtual exhibition spaces within the industrial metaverse. Visitors from around the world can explore these virtual galleries, interact with the NFT-based artifacts, and even attend virtual events or lectures.

4- Scenario Industrial Metaverse: Smart Manufacturing and Supply Chain.

- **Design and Prototyping with AI and Robotics**:
  - In a virtual manufacturing environment within the industrial metaverse, engineers use AI-driven tools to design new products. Robotics simulations allow for testing and refining these designs in a virtual space before any physical prototype is made.

- **Blockchain for Supply Chain Transparency**:
  - The components needed for manufacturing these products are tracked using blockchain technology. This ensures transparency and traceability in the supply chain, from raw material sourcing to final product assembly.

- **NFTs for Unique Product Verification**:
  - Each manufactured product is assigned a unique digital identity in the form of an NFT. This NFT can store information about the product's origin, manufacturing data, and quality checks.

- **Cryptocurrency Transactions for B2B Interactions**:
  - Transactions between businesses, such as purchasing raw materials or components, are conducted using cryptocurrencies. This allows for faster, more secure, and transparent financial transactions.

- **Web3 for Decentralized Manufacturing Processes**:
  - Manufacturing processes are managed through Web3 platforms, allowing for decentralized decision-making and collaboration across different companies and stakeholders.

- **AI-Powered Quality Control**:
  - AI algorithms analyze production data in real-time to identify quality issues or inefficiencies. This enables proactive maintenance and quality control, reducing waste and improving product quality.

- **Interactive Training and Operations in the Metaverse**:
  - Employees and managers use the industrial metaverse for training, remotely controlling robotics, or overseeing manufacturing processes. This interactive environment allows for real-time collaboration and problem-solving, regardless of physical location.

- **Customer Engagement and Feedback**:
  - End-users can interact with the manufacturing brand in the metaverse, providing feedback on products or customizing their orders. This direct engagement can inform future product development.

In this scenario, the convergence of these technologies revolutionizes how products are designed, manufactured, and distributed. It demonstrates an innovative approach to smart manufacturing and supply chain management, where transparency, efficiency, and quality are enhanced through the use of advanced technologies in an interconnected digital environment.

The Industrial metaverse can offer an immersive and interactive platform where art, technology, and commerce converge, providing a novel way for users to experience and engage with the Web3 world.