



Innovation Day 2024 Info Point AI assistant

Inspired by ChatOPM application for Customer Support for Regulatory Solution products

INNOVATION DAY TOUR PROPOSAL FOR YOU:

Demo 13 'Lets hack it'

Demo 12 'Against network violation'

Demo 7 'Network troubleshooting'

Demo 8 'Enterprise configuration'

Demo 10 'AI robot for demo assistance'

Demo 5 'Network configuration'

Demo 6 'Network optimization'

Demo 4 'Heat dissipation in additive manufacturing era'

Demo 3 'Cooling propellers for noiseless operation'

Demo 2 'Enterprise resource optimization '

Demo 1 'Telco RAN resource optimization'

Demo 11 'Against security rules infringements'

Demo 16 'Quantum for network security'

Demo 14 'Against identified stalker'

Demo 15 'Against fraud voice distortion'

Demo 17 'Co Packaged Optics'

Demo 18 'New generation of optical connectors'

Demo 9 'Resume Network coverage in critical mission and natural disaster'

CONVERSATION TRANSCRIPT

User: Can you give me a brief description of all demo?

Assistant: Here is a brief description of each demo, and I'm excited to share them with you:

- Co Packaged Optics: Demonstrates the interoperability between Co-Packaged Optics (CPO) devices and standard pluggable 100G optical modules, showcasing the latest advancements in optical technology.
- New generation of optical connectors: Introduces the application of EBO (Expanded Beam Optics) connectors, a promising technology that enhances dust tolerance and reduces contamination, making it a game-changer for the industry.
- Against network violation: Presents an innovative detection method using Machine Learning to identify cyber-attacks and network overloads, highlighting the importance of network security.
- Lets hack it!: Offers a hands-on experience with cybersecurity games and challenges to enhance knowledge in computer security, making it a fun and interactive way to learn.
- Against fraud voice distortion: Showcases a network service that leverages AI/ML to detect synthetic speech mimicking a specific individual's voice for fraudulent purposes, demonstrating the power of AI in preventing fraud.
- Network configuration: Demonstrates a generative AI assistant that helps build intents for network orchestration, streamlining the process and making it more efficient.
- Network optimization: Exhibits AI-based mechanisms for dynamic configuration of transport

networks to optimize energy consumption and maintain Quality of Service (QoS), highlighting the potential for AI to improve network performance.

- Network troubleshooting: Presents a telecom knowledge base utilizing a Retrieval-Augmented Generation (RAG) database to ensure smooth operation of 2G telecom networks, providing a valuable resource for network operators.

- Enterprise configuration: Showcases a crew of collaborative generative AI agents that work together to develop SW applications for instructing Cobots, demonstrating the potential for AI to improve enterprise operations.

- Resume Network coverage in critical mission and natural disaster: Demonstrates the rapid restoration of network infrastructure using temporary free-space optical links, highlighting the importance of network resilience.

- AI robot for demo assistance: Introduces an innovative, self-balancing robot platform with a 360-degree camera and computer vision for remote operation and real-time data collection, showcasing the latest advancements in robotics.

- Enterprise Resource optimization: Presents a centralized Licensing system for active management of industrial resources, leveraging data collection and AI/ML techniques, demonstrating the potential for AI to improve resource allocation.

- Telco RAN resource optimization: Demonstrates a Path Calculation Engine (PCE) designed to optimize energy consumption in various network scenarios, highlighting the potential for AI to improve network efficiency.

- Cooling propellers for noiseless operation: Introduces a propeller shape inspired by nature to reduce noise and ensure quieter operation of telecommunications products, showcasing the potential for innovative design to improve product performance.
- Heat dissipation in additive manufacturing era: Presents an innovative method for designing heat sinks using 3D printing technology, highlighting the potential for additive manufacturing to improve product design.
- Against security rules infringements: Demonstrates a generative AI solution that detects security infringements, design rules violations, and Common Vulnerabilities and Exposures (CVE) deviations, highlighting the importance of security in product design.
- Against identified stalker: Employs Lawful Interception techniques to protect stalking victims by ensuring accurate verification of safe distances between the victim and the stalker, demonstrating the potential for technology to improve public safety.
- Quantum for network security: Introduces a portable, modular software agent that natively applies Post-Quantum Cryptography and can utilize Quantum Key Distribution, highlighting the potential for quantum technology to improve network security.

Which demo would you like to know more about?

Faithfulness is 0.5 [0.0 - 1.0]

User: can you me all tech talks available?

Assistant: Here are the tech talks available:

- Secure and intelligent network architecture: This talk will take you on a journey to explore the evolution of networks, becoming intrinsically secure, high-performance, intelligent, and programmable. You'll discover the latest advancements and how they're transforming the industry.
- Network deployment security: Get ready to learn about a patented method that's changing the game for cloud native applications. This talk will dive into the optimal deployment strategies, considering security constraints, and how they can benefit your organization.
- Resource Optimization across Core and Edge: Introducing the ADAPTO framework, a game-changer for optimizing resource allocation in cloud native network functions. This talk will show you how to unlock efficiency and performance.
- Optical and transport technologies for Telco and Enterprise: Explore three innovative projects that are pushing the boundaries of photonic technologies. You'll learn how these advancements are supporting the increasing capacity demands of 6G.
- Artificial Intelligent Orchestrator for a Greener Industry 5.0: Imagine a fully-automated AI architecture that's sculpting the road towards the next Industrial revolution. This talk will propose a groundbreaking architecture that's set to transform the industry.
- Research on complementary optical for 6G: Join the discussion on groundbreaking research that's tackling the stringent demands of future 6G networks. You'll discover the latest developments in complementary optical networking technologies for x-haul networks.

Which of these tech talks sparks your interest? I'd be happy to provide a detailed description to help you

decide.

Faithfulness is 0.9 [0.0 - 1.0]

User: thanks. you were so helpful

Assistant: It was my pleasure to assist you and provide you with the information you needed about the Innovation Day event. Have a great day and I hope you have a great time at the event

Faithfulness is 0.1 [0.0 - 1.0]