



## Innovation Day 2024 Info Point AI assistant

Inspired by ChatOPM application for Customer Support for Regulatory Solution products

### INNO DAY TOUR PROPOSAL FOR YOU:

Demo 13 'Lets hack it'

Demo 12 'Against network violation'

Demo 7 'Network troubleshooting'

Demo 8 'Enterprise configuration'

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 10 'AI robot for demo assistance'

Demo 5 'Network configuration'

Demo 6 'Network 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'

Tech talk 'Research on complementary optical for sixth generation'

Time: 10:00 13 Nov

Tech talk 'Optical and transport technologies for Telco and Enterprise'

Time: 10:30 13 Nov

Tech talk 'Network Deployment Security'

Time: 11:00 13 Nov

Tech talk 'Secure and intelligent network architecture'

Time: 11:30 13 Nov

Tech talk 'Resource Optimization across Core and Edge'

Time: 12:00 13 Nov

Tech talk 'Artificial Intelligent Orchestrator for a Greener Industry'

Time: 12:30 13 Nov

# CONVERSATION TRANSCRIPT

User: hi can you suggest me some Demo on security

Assistant: We have several exciting demos related to security that you might find fascinating. Here are a few:

- "Against security rules infringements" - This demo showcases how Generative AI can be used to detect security infringements and design rules violations in network management, offering a cutting-edge solution to a common problem.

- "Against network violation" - This demo presents an innovative detection method that uses Machine Learning to identify cyber-attacks and network overloads, providing a proactive approach to network security.

- "Against fraud voice distortion" - This demo demonstrates a network service that uses AI/ML to detect and prevent voice distortion fraud, highlighting the potential of technology in preventing cybercrime.

- "Against identified stalker" - This demo shows how Lawful Interception techniques can be used to protect stalking victims by monitoring and verifying safe distances between the victim and the stalker, showcasing a vital application of technology in ensuring safety.

Would you like to know more about one of these demos or would you like me to suggest some talks related to security?

Faithfulness is 0.0 [0.0 - 1.0]

User: is there something related to hacking

Assistant: We have a fascinating demo that might capture your attention, called "Against network violation". This innovative demo presents a cutting-edge detection method that leverages Machine Learning to identify cyber-attacks and network overloads. Although it's not directly about hacking, it's closely related to detecting and preventing malicious activities on the network.

If you're eager to learn more about this demo, I can provide you with a detailed description that will give you a deeper understanding of its capabilities.

Alternatively, you might also find the "Against security rules infringements" demo intriguing, as it showcases the power of Generative AI in detecting security infringements and design rules violations in network management.

Would you like to know more about one of these demos or would you like me to suggest some other related topics that might spark your interest?

- Against network violation: A Machine Learning-based detection method for cyber-attacks and network overloads
- Against security rules infringements: A Generative AI-powered solution for detecting security infringements and design rules violations in network management

Faithfulness is 1.0 [0.0 - 1.0]

User: CAn yuo tell me on let's hack it

Assistant: I don't have this information in my knowledge, but I'm here to help you find it or explore other topics that might interest you.

Faithfulness is 0.0 [0.0 - 1.0]

User: CAn yuo tell me on let's hack it

Assistant: I'd be happy to help you find something interesting at the Innovation Day event. Although I couldn't find any information on "Let's Hack It", I think you might enjoy some other demos or talks related to cybersecurity or hacking.

- Against network violation demo: This one sounds like a great option if you're interested in learning more about protecting networks from attacks.

- Secure and intelligent network architecture talk: This talk could be really insightful if you want to learn about designing and building secure and intelligent networks.

I can tell you more about one of these options if you'd like.

Faithfulness is 0.0 [0.0 - 1.0]

User: demo "let's hack it"

Assistant: I don't have this information in my knowledge, but I'm here to help you find it. Let's work together to discover the answer you're looking for.

Faithfulness is 1.0 [0.0 - 1.0]

User: can you list all demo related to connectivity?

Assistant: Here are the demos related to connectivity that I have information on:

- "Enterprise configuration" - This demo showcases a crew of collaborative generative AI agents that work together to develop SW applications able to instruct Cobots upon requirements taken from a human operator.
- "Network configuration" - This demo presents a generative AI assistant that helps users easily build the intents needed to orchestrate the network.
- "Network optimization" - This demo showcases AI-based mechanisms that facilitate the dynamic configuration of transport networks, enabling them to adjust resources in response to traffic behavior while maintaining Quality of Service (QoS).
- "Network troubleshooting" - This demo demonstrates an AI assistant that can troubleshoot telecom networks by monitoring and applying remedies when issues arise.
- "Resume Network coverage in critical mission and natural disaster" - This demo shows how a remote-controlled rover can dynamically deploy transmitters to restore high-capacity communication in areas affected by disasters.
- "AI robot for demo assistance" - This demo presents an innovative, self-balancing robot platform with a 360-degree camera and computer vision, designed for remote operation and real-time data collection.

I'd love to dive deeper into one of these demos with you Which one piques your interest?

Faithfulness is 0.0 [0.0 - 1.0]

User: can you list all demo related to advanced technologies?

Assistant: Here are the demos related to advanced technologies that I have information on:

- "New generation of optical connectors" - This demo reveals the application of EBO (Expanded Beam Optics) connectors, a promising technology where dust tolerance is strongly enhanced changing the geometry of the carrier at the connector interface. I'm excited to share that this technology has the potential to revolutionize the way we approach optical connections.
- "Co-Packaged Optics" - This demo showcases an emerging technology poised to play a pivotal role in 6G radio-access networks, demonstrating the interoperability between CPO devices and standard pluggable 100G optical modules. The possibilities this technology holds for the future of telecommunications are vast and thrilling.
- "Artificial Intelligent Orchestrator for a Greener Industry 5.0" - This demo presents a fully-automated AI architecture capable of bringing intelligence near the edge in a flexible, adaptable, explainable, energy and data efficient manner. The potential for this technology to make a significant impact on sustainability is truly inspiring.

Would you like to know more about one of these demos?

Faithfulness is 1.0 [0.0 - 1.0]

User: can you tell me something related to quantum security?

Assistant: We have a fascinating talk related to quantum security, titled "Secure and intelligent network architecture". This talk delves into the exciting evolution of networks, transforming them into intrinsically secure, high-performance, intelligent, and programmable systems. One of the key technologies driving this evolution is quantum-resistant network security, which is sure to capture your

attention.

You might be interested in learning more about this captivating talk, which promises to shed light on the future of network security and intelligence.

Faithfulness is 1.0 [0.0 - 1.0]

User: is there also a demo ?

Assistant: I'd like to highlight a couple of interesting talks that might be relevant to your interest in quantum security.

- The "Secure and intelligent network architecture" talk, which I mentioned earlier, covers quantum-resistant network security, and I think you might find it fascinating.

- Another talk that caught my attention is the "Optical and transport technologies for Telco and Enterprise" talk, which mentions artificial intelligence and security. Although I'm not sure if it specifically covers quantum security, it might be worth exploring.

I think both of these talks have the potential to be really insightful, and I'd love to hear your thoughts on them.

Faithfulness is 1.0 [0.0 - 1.0]

User: can you give some demo about sustainability?

Assistant: Here are some exciting demos related to sustainability that I'd like to share with you:

- "Cooling propellers for noiseless operation" - Imagine a new propeller design that not only reduces noise pollution but also energy consumption, all while maintaining top-notch cooling performance. This



innovative solution has the potential to make a significant impact on the environment.

- "Heat dissipation in additive manufacturing era" - Get ready to discover a game-changing method for designing heat sinks using additive manufacturing. This cutting-edge approach can improve thermal performance and reduce material waste, paving the way for a more sustainable future.

- "Enterprise Resource optimization" - Picture a centralized licensing system that leverages AI/ML to optimize resource allocation and reduce energy consumption in industrial settings. This demo showcases a powerful tool that can help businesses reduce their carbon footprint.

- "Telco RAN resource optimization" - Explore a Path Calculation Engine (PCE) that optimizes energy consumption in various network scenarios using constrained programming techniques. This innovative solution can help telecom companies reduce their energy consumption and environmental impact.

Would you like to know more about one of these demos?

Faithfulness is 1.0 [0.0 - 1.0]

User: many thanks

Assistant: It was my pleasure to help you explore the Innovation Day demos. Have a great day

Faithfulness is 0.0 [0.0 - 1.0]