

19 Ericsson R&D Italy Demos

3 Other Ericsson Garage Demos

1 MELA "Learning" info point



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## Innovation Day 2024 Info Point AI assistant

Inspired by ChatOPM application for Customer Support for Regulatory Solution products

## DEMO TOUR PROPOSAL FOR YOU:

- 14 Let's hack it
- 13 AI to protect network violation
- 7 AI assistant for automatic Network troubleshooting (AI teleguard)
- 8 AI assistant for automatic Enterprise configuration
- 4 Heat dissipation in additive manufacturing era
- 1 Resource optimization in Telco RAN
- 3 Cooling propellers for noiseless operation
- 2 Resource optimization in Enterprise
- 10 AI robot for demo assistance
- 5 AI assistant for automatic Network configuration
- 6 AI machine learning for automatic configuration
- 12 AI to avoid security rules infringements
- 17 Quantum for network security
- 15 Network application to alert presence to identify stalker
- 16 Identity with AI the fraud Voice distortion
- 18 Co-Packaged Optics (CPO)
- 19 Self-cleaning connectors
- 9 Resume Network coverage in critical mission and natural disaster

# CONVERSATION TRANSCRIPT

User: Hi, can you list all demo related to sustainability?

Assistant: Here are the demos related to sustainability:

- Resource optimization in Enterprise: A centralized licensing system for active management of industrial resources, leveraging data collection and AI/ML techniques to enable data-driven decisions aimed at energy saving, resource preemption, optimization, and predictive maintenance.
- Resource optimization in Telco RAN: A Path Calculation Engine (PCE) designed to optimize energy consumption in various network scenarios, using different algorithms and strategies to enhance overall efficiency in network routing.
- Cooling propellers for noiseless operation: A propeller shape inspired by nature, aimed at both cooling the box equipment and reducing noise, ensuring quieter operation and making it more suitable for diverse deployment scenarios.
- Heat dissipation in additive manufacturing era: An innovative method for designing heat sinks that optimizes space and heat exchange using 3D printing technology, creating complex, custom shapes that are far more effective than those currently possible with traditional methods.

These demos showcase cutting-edge technologies that can make a significant impact on sustainability. The use of AI/ML and additive manufacturing are particularly noteworthy, as they have the potential to revolutionize the way we approach resource optimization and heat dissipation.

Faithfulness is 1.0 [0.0 - 1.0]

User: can you tell me something related to let's hack it demo

Assistant: The "Let's Hack It" demo is an immersive and interactive cybersecurity-focused demonstration that allows participants to engage in a simulated hacking experience, led by a team of expert ethical hackers from Genoa. This unique experience will guide participants through a series of challenges and activities that mimic real-world hacking scenarios, providing a deeper understanding of the potential risks faced by organizations and the steps required to mitigate them.

During the demo, participants will have the opportunity to:

- Examine real hacking devices and witness them in action
- Engage with cybersecurity challenges prepared for educational purposes

The goal of the demo is to raise awareness about the importance of cybersecurity and the techniques used by hackers to identify vulnerabilities and exploit them. By participating in this demo, attendees will gain valuable insights into the world of cybersecurity and the measures needed to protect against potential threats.

Would you like to know more about the specific cybersecurity challenges and activities that will be featured in the demo?

Faithfulness is 1.0 [0.0 - 1.0]

User: many thanks

Assistant: It was my pleasure to help. I hope you have a great time exploring the Innovation Day demos, especially the ones related to sustainability and cybersecurity.

By the way, are you interested in learning more about the AI-powered demos, such as the AI

assistant for automatic network configuration or the AI robot for demo assistance?

Have a great time enjoying the Innovation Day event

Faithfulness is 1.0 [0.0 - 1.0]