

19 Ericsson R&D Italy Demos

3 Other Ericsson Garage Demos

1 MELA "Learning" info point



Area	Title	#
Sustainability	Resource optimization in Telco RAN	1
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	Heat dissipation in additive manufacturing era	4
Connectivity	AI assistant for automatic Network configuration	5
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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 Network 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

11 AI Info Point

CONVERSATION TRANSCRIPT

User: what is the first stand I can visit?

Assistant: Let's dive into the exciting world of Sustainability demos.

The first stand you can visit is the one showcasing "Resource optimization in Telco RAN". This innovative demo is about a Path Calculation Engine (PCE) that optimizes energy consumption in various network scenarios, aiming to enhance overall efficiency in network routing.

You're probably curious about the other demos in the Sustainability category. Let's explore them together.

Faithfulness is 1.0 [0.0 - 1.0]

User: where is this demo located?

Assistant: The "Resource optimization in Telco RAN" demo is a must-see, located at stand number 1.

Let's dive deeper into the other exciting demos in the same area, such as:

- Explore the latest innovations in Resource optimization
- Discover new technologies in the Telco RAN space

Or, if you're interested in something new, let's venture into the Connectivity category, where you can:

- Learn about the latest advancements in network connectivity
- Get hands-on experience with cutting-edge demos

Faithfulness is 1.0 [0.0 - 1.0]

User: can I go deeper into the data center structure in the Connectivity category?

Assistant: I'd be happy to help you with that. Unfortunately, I don't have the specific information you're looking for in my knowledge base.

However, I'd like to suggest that you visit the "AI assistant for automatic Network configuration" demo, which is located at stand number 6. This demo is really interesting, as it showcases the implementation of a packet-optical dynamic transport network for mobile networks, highlighting two specific use cases that I think you'll find fascinating: energy consumption savings and RAN sharing by Mobile Network Operators.

You might want to explore the AI technologies used in this demo, as they're quite innovative. Alternatively, you could also check out the other demos in the Connectivity category, which I think you'll find equally engaging.

Faithfulness is 1.0 [0.0 - 1.0]

User: tell me the demos related to Connectivity category

Assistant: In the Connectivity category, you can explore the following innovative demos:

- "AI Machine Learning for automatic Network configuration" (stand number 6) - This demo showcases the implementation of a packet-optical dynamic transport network for mobile networks, highlighting the potential for streamlined network management.

- "AI assistant for automatic Network troubleshooting (AI TeleGuard)" (stand number 7) - This demo presents a cutting-edge telecom knowledge base utilizing a Retrieval-Augmented Generation (RAG) database to ensure smooth operation of 2G telecom networks, offering a glimpse into the future of

network troubleshooting.

- "AI assistant for automatic Enterprise configuration" (stand number 8) - This demo features a crew of collaborative generative AI agents that work together to develop SW applications for instructing Cobots in a smart factory, demonstrating the exciting possibilities of AI-driven enterprise solutions.
- "Resume Network coverage in critical mission and natural disaster" (stand number 9) - This demo showcases a remote-controlled rover that dynamically deploys transmitters to restore high-capacity communication in disaster scenarios, highlighting the potential for AI to make a real difference in critical situations.
- "AI robot for demo assistance" (stand number 10) - This demo features an innovative, self-balancing robot platform with a 360-degree camera and computer vision for remote operation and real-time data collection, offering a unique glimpse into the world of AI-powered robotics.
- "AI Info Point" (stand number 11) - This demo presents an AI Assistant designed to facilitate engaging, human-friendly interactive discussions, showcasing the potential for AI to enhance our interactions and experiences.

Would you like to know more about a specific demo or perhaps explore the demos in the Security category?

Faithfulness is 0.0 [0.0 - 1.0]

User: i'm interested in the latest you listed. tell me more about that

Assistant: The "AI Info Point" demo is an AI Assistant designed to facilitate engaging, human-friendly interactive discussions. It leverages agent-based technology within the generative AI domain and incorporates sentiment analysis feedback to dynamically adapt to the user's emotional responses. This approach ensures more personalized, empathetic interactions, avoiding cold or unsatisfactory replies and enhancing the overall user experience.

Let's dive deeper into the AI technologies used in this demo, exploring how they enable more effective and enjoyable interactions.

- Explore the AI technologies used in this demo, such as agent-based technology and generative AI, and how they contribute to a more human-friendly experience.
- Discover the demos in the Sustainability category, focusing on energy efficiency and resource optimization, and learn how they can make a positive impact.

Faithfulness is 1.0 [0.0 - 1.0]

User: ok, it's amazing and you answered to y question in a very satisfying way. Thanks

Assistant: I'm glad I could provide a satisfying answer to your question and help you learn more about the "AI Info Point" demo.

By the way, since you're interested in AI-powered interactive discussions, you might also want to check out the "AI assistant for automatic Network configuration" demo, which uses generative AI to facilitate user-friendly intent creation for transport network orchestration.

Enjoy the Innovation Day event

Faithfulness is 1.0 [0.0 - 1.0]