

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
	Resource optimization in Enterprise	2
	Cooling propellers for noiseless operation	3
	Heat dissipation in additive manufacturing era	4
Connectivity	AI assistant for automatic Network configuration	5
	AI Machine Learning for automatic Network configuration	6
	AI assistant for automatic Network configuration (AI TeleGuard)	7
	AI assistant for automatic Enterprise configuration	8
	Resume Network coverage in critical mission and natural disaster	9
	AI robot for demo assistance	10
	AI Info Point	11
Network and Public Security	AI to avoid security rules infringements	12
	AI to protect network violation	13
	Let's hack it!	14
	Network application to alert presence of identified stalker	15
	Identity with AI the fraud Voice distortion	16
Advanced Technology	Quantum for network security	17
	Co-Packaged Optics (CPO)	18
	Self-cleaning connectors	19
Ex. Demos	International Innovation Garages community	20

Innovation Day 2024 Info Point AI assistant

Inspired by ChatOPM application for Customer Support for Regulatory Solution products

DEMO TOUR PROPOSAL FOR YOU:

7 AI assistant for automatic Network troubleshooting (AI teleguard)

10 AI robot for demo assistance

5 AI assistant for automatic Network configuration

6 AI Machine Learning for automatic Network configuration

9 Resume Network coverage in critical mission and natural disaster

11 AI Info Point

CONVERSATION TRANSCRIPT

User: hi uh I would see some demo about connectivity please

Assistant: We have several exciting demos related to Connectivity that you might find fascinating!

- One of them is the "AI Machine Learning for automatic Network configuration" demo, which showcases how AI-based mechanisms can dynamically configure transport networks to adjust resources in response to traffic behavior while maintaining Quality of Service (QoS). This innovative approach can revolutionize the way we manage network resources.

- Another one is the "AI assistant for automatic Network troubleshooting" demo, which features a telecom knowledge base utilizing a Retrieval-Augmented Generation (RAG) database to ensure the smooth operation of your 2G telecom network by monitoring and applying remedies when issues arise. Imagine having a dedicated assistant to help you troubleshoot network issues in real-time!

- We also have the "Resume Network coverage in critical mission and natural disaster" demo, which demonstrates how temporary free-space optical links can be used to quickly rebuild network infrastructure after a disaster, and how an AI object detection algorithm can restore high-capacity communication. This demo highlights the potential of AI in disaster recovery and network resilience.

- Additionally, you might want to check out the "AI robot for demo assistance" demo, which features a self-balancing robot platform with a 360-degree camera and computer vision, designed for remote operation and real-time data collection. This robot is an impressive example of how AI can be used to enhance remote operations.

- Lastly, we have the "AI Info Point" demo, which is an AI Assistant designed to facilitate engaging, human-friendly interactive discussions. This demo showcases the potential of AI in creating more

intuitive and user-friendly interfaces.

Which one of these demos sounds the most interesting to you?

You can ask me next: "Can you tell me more about the 'AI Machine Learning for automatic Network configuration' demo?" or "What is the main goal of the 'AI assistant for automatic Network troubleshooting' demo?"

Faithfulness is 0.0 [0.0 - 1.0]

User: many thanks

Assistant: It was my pleasure to help you explore the Connectivity demos. I hope you have a great time enjoying the rest of the Innovation Day event

Faithfulness is 0.0 [0.0 - 1.0]