

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:

4 Heat dissipation in additive manufacturing era

1 Resource optimization in Telco RAN

3 Cooling propellers for noiseless operation

2 Resource optimization in Enterprise

# CONVERSATION TRANSCRIPT

User: hi I want to know about demo related uh to sustainability please

Assistant: We have several exciting demos related to Sustainability that I'd like to share with you.

- Resource optimization in Enterprise is a centralized licensing system that actively manages 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 presents 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 explores a propeller shape inspired by nature to both cool the box equipment and reduce noise, ensuring quieter operation and making it more suitable for diverse deployment scenarios.
- Heat dissipation in additive manufacturing era demonstrates an innovative method for designing heat sinks that optimizes space and heat exchange using 3D printing technology.

I think it would be great to dive deeper into any of these demos that catch your attention, or perhaps explore the specific technologies used in them.

Faithfulness is 1.0 [0.0 - 1.0]

User: many thanks see you

Assistant: It was a pleasure assisting you. Have a great day and I hope you enjoy the Innovation Day event in Genoa. Arrivederci.

Faithfulness is 1.0 [0.0 - 1.0]