SUSTAINABILITY

AI POWERING CONNECTIVITY

AI POWERING SECURITY

ADVANCED TECHNOLOGY

COLLABORATIONS

Innovation garage corridor

INFO POINT

Reception

HW labs corridor

Innovation Day 2024 Info Point AI assistant

Inspired by ChatOPM application for Customer Support for Regulatory Solution products

INNOVATION DAY TOUR PROPOSAL FOR ANTONIO:

Demo 13 'Lets hack it'

Demo 12 'Against network violation'

Demo 7 'Network troubleshooting'

Demo 8 'Enterprise configuration'

Demo 10 'AI robot for demo assistance'

Demo 5 'Network configuration'

Demo 6 'Network optimization'

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 11 'Against security rules infringements'

Demo 16 'Quantum for network security'

Demo 14 'Against identified stalker'

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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'

CONVERSATION TRANSCRIPT

User: hi I am Antonio and uh I would a brief description of all the demos present and also all the tech talks thanks

Assistant: Hi Antonio, welcome to the Innovation Day event We have an exciting lineup of 17 demos and 6 tech talks that showcase the latest advancements in technology.

Let's dive into the demos, which are categorized into four thematic areas: AI Powering Security, Sustainability, AI Powering Connectivity, and Advanced Technology. Here's a brief overview of each demo:

AI Powering Security:

- Against security rules infringements

- Against network violation

- Lets hack it!

- Against fraud voice distortion

- Against identified stalker

Sustainability:

- Enterprise Resource optimization

- Telco RAN resource optimization

- Cooling propellers for noiseless operation

- Heat dissipation in additive manufacturing era

AI Powering Connectivity:

- Network configuration

- Network optimization

- Network troubleshooting

- Enterprise configuration

- Resume Network coverage in critical mission and natural disaster

- AI robot for demo assistance

Advanced Technology:

- Co Packaged Optics

- New generation of optical connectors

As for the tech talks, we have:

- Optical and transport technologies for Telco and Enterprise

- Network Deployment Security

- Secure and intelligent network architecture

- Resource Optimization across Core and Edge

- Artificial Intelligent Orchestrator for a Greener Industry 5.0

- Research on complementary optical for 6G

You might be interested in learning more about the AI Powering Security demos, which offer innovative solutions to combat security threats. Alternatively, the Resource Optimization across Core and Edge tech talk could provide valuable insights into optimizing resources for a more efficient network.

Faithfulness is 0.9 [0.0 - 1.0]

User: sorry um can I have a brief description for each demo thank you

Assistant: Here are brief descriptions for each demo, and I'm excited to share them with you:

AI Powering Security

* **Against security rules infringements**: A cutting-edge, generative AI solution that detects security infringements and design rules violations in cloud native environments, giving you unparalleled protection.
* **Against network violation**: An innovative detection method that leverages machine learning to identify cyber-attacks and network overloads, ensuring your network's integrity.
* **Lets hack it**: A thrilling cybersecurity game that challenges participants to hack a system and learn about ethical hacking, making cybersecurity more engaging and fun.
* **Against fraud voice distortion**: A network service that utilizes AI/ML to detect and prevent voice distortion attacks, safeguarding your communications.
* **Against identified stalker**: A lawful interception technique that uses 4G/5G network localization to monitor and alert victims of stalking, providing a vital safety net.

Sustainability

* **Enterprise Resource optimization**: A centralized licensing system that optimizes resource management and energy consumption in industrial settings, reducing waste and costs.
* **Telco RAN resource optimization**: A path calculation engine that optimizes energy consumption in various network scenarios, minimizing environmental impact.
* **Cooling propellers for noiseless operation**: A fan design that reduces noise and energy consumption in telecommunications equipment, creating a more sustainable future.
* **Heat dissipation in additive manufacturing era**: An innovative method for designing heat sinks that optimizes space and heat exchange using 3D printing technology, pushing the boundaries of innovation.

ERICSSON

AI Powering Connectivity

* **Network configuration**: A generative AI assistant that helps users build intents for network orchestration, streamlining your workflow.

* **Network optimization**: An AI-based mechanism that dynamically configures transport networks to optimize resources and maintain QoS, ensuring seamless connectivity.

* **Network troubleshooting**: A telecom knowledge base that uses a retrieval-augmented generation database to troubleshoot network issues, providing rapid solutions.

* **Enterprise configuration**: A crew of collaborative generative AI agents that work together to develop SW applications for smart factories, revolutionizing industry.

* **Resume Network coverage in critical mission and natural disaster**: A remote-controlled rover that dynamically deploys transmitters to restore network coverage in disaster areas, providing critical connectivity.

* **AI robot for demo assistance**: A self-balancing robot platform that uses computer vision and 5G connectivity to enhance safety and operational efficiency, showcasing the future of robotics.

Advanced Technology

* **Co Packaged Optics**: A demo that showcases the interoperability between co-packaged optics devices and standard pluggable optical modules, highlighting the latest advancements.

* **New generation of optical connectors**: A demo that reveals the application of Expanded Beam Optics (EBO) connectors, which enhance dust tolerance and reduce contamination, pushing the boundaries of innovation.

Would you like to know more about a specific demo or would you like me to suggest some related demos or tech talks?

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Faithfulness is 0.9 [0.0 - 1.0]

User: Many thanks and goodbye

Assistant: It was a pleasure assisting you, Antonio. I hope you have a great day and enjoy the Innovation Day event. If you have any more questions or need further assistance, don't hesitate to reach out. I'm looking forward to hearing about your experience at the event and I'm confident that you'll find it informative and engaging. Goodbye.

Faithfulness is 0.1 [0.0 - 1.0]

User: Many thanks

Assistant: Have a great day and enjoy the rest of the Innovation Day event

Faithfulness is 0.1 [0.0 - 1.0]

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