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## **SPONSOR ARISTA: "The networking in the AI era"**

*Thursday, 23 May 2024 11:40 (30 minutes)*

Artificial Intelligence is THE topic nowadays. It has revolutionary applications in basically, all fields of human life. But it also has big implications on the infrastructures needed to make AI fully proficient. Networking is one of the key aspects of this infrastructure. Let's deep dive to fully understand how AI has already changed the way networks are built today and why Arista technology is the perfect fit for modern, efficient and flexible AI networks.

Agenda:

- Who is Arista Networks?
- Deep Learning Networking Requirements
- Networking Requirements for Inter-GPU Traffic
- Architectures for AI Network Fabrics
- A Quick Glance to the Future of AI Ethernet
- Conclusions

The idea of the presentation is to describe the main use cases of some customers, pros and cons of different types of model adoptions, from our point of view. Describe the new models in networking, based on the distributed AI models and how new AI networks must contribute in AI evolution and how different designs help customers in adopting it.

A glimpse on the future of networking is the key end of the speech.

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**Session Classification:** Sessione "Tecnologie ICT Hardware e Software"