

**Speaker:**

Michele Ludovico  
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**Title:**

Digital Twins of Networks, Networks of Digital Twins

**Abstract:**

The keynote will analyze the role of Digital Twins technologies in network management and automation and the role of distributed edge cloud – integrated with networks – in enabling Digital Twin approach exploitation in several “verticals” scenarios.

**Bio:**

After Laurea Degree in electronics engineering, he began working for the TIM Group, designing microwave systems for satellite communications. Since 2001, he has been working on tools and methodologies for the design and optimization of radio access. From 2014 to 2024, he was responsible for the engineering and development of automation solutions for the radio access network, according to the "Self-Organizing Network" paradigm. He was also involved in training and consulting services in Europe and South America and is co-inventor of several patents in the fields of wireless design and radio resource management. From 2025 he is responsible for Innovation Programs and Standardization in FiberCop.