

**Digital Infrastructure Investment Summit  
Airport Club Frankfurt, 12 March 2018**

**Roundtable:** 5G: Driver for Digitalization & Fiber

**Roundtable Host:** THM, supported by Ericsson/Nokia

**Time:** 12:00 - 13:30 AND 16:00 - 17:30

**Room:** Wien



Prof. Dr. Kristof Obermann has more than 20 years' experience in the field of telecommunication, especially in strategic network planning, network protocols and architecture both for access and backbone networks. He is teaching communications engineering at the university of applied science in Giessen (THM). He wrote a book about data network technologies for next generation networks. From 1998 to 2006 he was with Vodafone Germany (Arcor), where he was responsible for the strategic planning of Vodafone fixed network.

**Roundtable Content:**

From 2020 on, 5G will offer high bandwidth and high quality of service levels for wireless connectivity. Furthermore, 5G is also a key driver for digitalization across industries and existing infrastructures. From an investors perspective, 5G requires a massive upgrade in the network infrastructure, such as base new mobile base stations/sites, data centers and optical fiber networks. The roundtable provides 5G infrastructure insights into

- Volume/number of new sites
- Network density requirements
- Site connection
- Backhaul network
- Additional equipment
- Applicability of wireless solutions
- Outlook on value networks and services