

Recent advances in optical communications

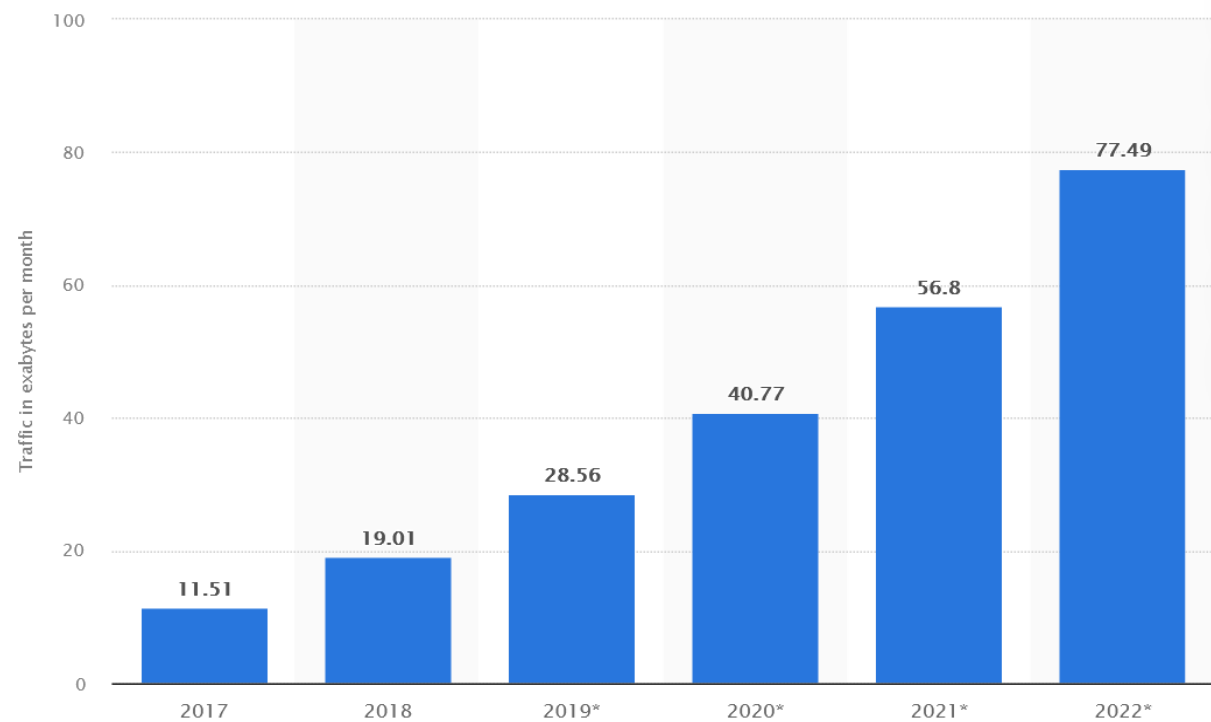
KIVI- Telecom

30 November 2021, 19:30-21:30



Optical communications challenges

Support for the dramatic growth of data traffic



Optical communication challenges



Holographic watch



Fully autonomous vehicles



Internet of everything



Tele-presence



Extended reality



Haptic holography



Pervasive connectivity



In-body networks



Smart factories



eHealth

New future applications with even more stringent demands
capacity, data rates, ultra-low latency, security, resilience, flexibility, energy, cost

Triggering new advances in photonics

Recent advances in optical communications



Programma	19:30	Opening Sonia Heemstra de Groot, TU/e
	19:40	Patty Stabile (TU/e), Photonic Integrated Neural Networks
	20:10	Eduward Tangdiongga (TU/e), Short-Range Optical Wireless Communication
	20:40	Nicola Calabretta (TU/e), Optical Switching for Disaggregated Datacenter Infrastructures
	21:10	Closing by chairman KIVI telecom Huib Ekkelenkamp
