Haïk Mardoyan

Jérémie Renaudier Nokia Bell Labs, Massy, France

Ultra-high symbol rates for next generation of long-haul coherent systems

Next-generation long-haul coherent systems require ultra-high symbol rates to meet growing bandwidth demands. We examine advancements in modulation, optical components, and signal processing to achieve these rates, addressing implementation challenges and highlighting their potential to enhance network speed and efficiency