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Tentative title: Fast growing cloud services require scaling optical technologies

Biography

Chongjin Xie is a senior director and chief communication scientist in Alibaba Infrastructure Service at Alibaba Group, leading an optical research, architecture, design and testing team to develop data center optical interconnects and networking technologies to support Alibaba online platform and cloud services. Prior to joining Alibaba Group in 2014, Dr. Xie was a distinguished member of technical staff at Bell Labs, Alcatel-Lucent (now Nokia), doing research on optical communication systems and networks. He did his postdoctoral research at Chalmers University of Technology in Sweden from 1999 to 2001, and received his M.Sc. and Ph.D. degrees from Beijing University of Posts & Telecommunications in 1996 and 1999, respectively. Dr. Xie has published one book, 3 book chapters and over 200 journal and conference papers. He is an associate editor of Journal of Lightwave Technology, and has served as chairs, TPC chairs or TPC members in many conferences. Dr. Xie is a Fellow of OSA and a senior member of IEEE.