

## **Christian Koos**

Christian Koos is full professor at Karlsruhe Institute of Technology (KIT) since 2010 and a co-founder of several start-ups in the field of integrated photonics such as Teragear GmbH, SilOriX GmbH, Keystone Photonics GmbH, Deeplight SA, Luxtelligence SA, as well as Vanguard Photonics GmbH and Vanguard Automation GmbH. His research interests cover silicon photonics and hybrid integration concepts along with the associated applications in high-speed communications, optical metrology and sensing, photonic-electronic signal processing, as well as quantum technologies. Christian Koos received the PhD (Dr.-Ing.) degree in Electrical Engineering from the University of Karlsruhe in 2007. From 2008 to 2010, he was affiliated with the Corporate Research and Technology department of Carl Zeiss AG. He has been recognized for his work with several honors and awards such as an ERC Synergy Grant in 2024, the Berthold-Leibinger Innovation Award in 2018, an ERC Consolidator Grant in 2017, the Research Award of the State of Baden-Wuerttemberg in 2014, and the Alfried-Krupp Prize for Young University Teachers in 2012.