

Kangyeob Park received the B.S. degree in electronic engineering from Incheon National University, Incheon, Korea, in 2006, and M.S. and Ph.D. degree in Electrical and Electronic Engineering from Yonsei University, Seoul, Korea, in 2008 and 2013, respectively. From 2013 to 2015, he was working for Purdue University, West Lafayette, Indiana, USA as a post-doctoral research fellow. Since 2017, he has been with Korea Electronics Technology Institute (KETI), Seongnam, Korea as a Principle Researcher. His research interests include optoelectronic integrated circuits and optoelectronic devices.

Junhyeok Seo received the B.S. degree in electrical and electronic engineering from Kyungpook National University, Daegu, South Korea, in 2023. Since 2023, he has been with Korea Electronics Technology Institute (KETI), Seongnam, Korea as a researcher. joined Since 2024, he has been working toward the M.S. degree in electrical and electronic engineering at Yonsei University, Seoul, South Korea. His research interests include high-speed wireline transceivers and photonic integrated circuits for data center applications.

Won-Seok Oh received the B.S. and M.S. degrees in electronics engineering from Incheon National University, Incheon, Korea in 1998 and 2000, respectively. Since 2000, he has been with Korea Electronics Technology Institute (KETI), Seongnam, Korea as a Chief Researcher. From 2025, he participated in the project of high-speed, low-loss, and low-power co-packaged optics integrated circuits and optoelectronic engines for AI server applications as a project leader. His research interests include silicon photonics, serializer, deserializer, retimer, and electronic-photonic integrated circuits for high-speed interconnect applications.