100G Flexible IM-DD 850 nm VCSEL Transceiver with Fractional Bit Rate Using Eight-Dimensional PAM - DTU Orbit (07/04/2019)

We demonstrate a novel optical transceiver scheme with a net flexible bit rate up to 100Gbit/s with 5 Gbit/s granularity, using an eight-dimensional modulation format family, and investigate its performance on capacity, reach, and power tolerance.

General information
Publication status: Published
Organisations: Department of Photonics Engineering, Metro-Access and Short Range Systems, Networks Technology and Service Platforms, Warsaw University of Technology, VI Systems GmbH
Number of pages: 3
Publication date: 2017

Host publication information
Title of host publication: 2017 European Conference on Optical Communication (ECOC)
Place of publication: Sweden
Publisher: IEEE
DOIs: 10.1109/ECOC.2017.8346136
Source: PublicationPreSubmission
Source-ID: 142007560
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review