

The role of Photonic integration in PON

Antonio Teixeira
University of Aveiro, Portugal

Passive optical networks are nowadays the ultimate vehicle for ultra high bandwidth to the user. The terminals hinging in house are more and more sophisticated and global coverage of high data rate is less efficient since it will require high investment. Therefore the network terminals at the house of the user are evolving at high rate requiring more functionalities, bandwidth and flexibility. Photonic integration may be the path towards reaching these objectives. This talk will observe the potential of Photonic integration and simultaneously talk about the latest developments in ultra high data rate PONs.

Biography: