

Short Biography

Dries Van Thourhout got his PhD in applied physics from Ghent University in 2000 and subsequently spent 2 years at Bell Laboratories, Crawford Hill, NJ US. Currently he is a professor at Ghent University and associated with imec, Europe's largest nano-electronics research centre. He has extensive experience in integrated optics, silicon photonics and heterogeneous integration on silicon photonics. He has worked on fundamental research topics (such as optomechanics in the ITN-network cQOM and nanocrystals) but has also been involved in more application oriented projects such as the EU projects WADIMOS (optical interconnect) and SMARTFIBER (silicon photonics read out chip for fibre bragg sensing), which he was coordinating and in the EU funded integrated project HELIOS, which covers the whole value chain of silicon photonics. He has authored or coauthored over 150 journal publications, over 300 conference contributions and over 10 patents. He has given tutorials on silicon photonics at major conferences such as OFC, ACP and CLEO. He was associated reviewer for IEEE PTL and holds an ERC starting grant. In 2012 he was awarded with the "Laureate of the Academy" prize of the Belgian Academy of Sciences.