

Short biography

Jens Buus was born in 1952 in Copenhagen, Denmark. He is an electrical engineer (MSc in electrophysics), graduated from the Technical University of Denmark (DTU), August 1976. In addition he holds Lic. techn. (PhD) and Dr. techn. (DSc) degrees from this University.

From 1979 to 1983 he was a post doctoral fellow at Electromagnetics Institute, DTU, and from 1983 to 1992 he was employed by Plessey Research Caswell (now part of Oclaro), holding a position as Senior Chief Physicist from January 1988 to December 1992.

Since January 1993 he has been a self employed consultant (Gayton Photonics Ltd). He has worked as project manager of 6 international research projects under the European RACE, ACTS and IST programmes. He is a co-founder of Syntune AB.

Dr Buus has served on a number of conference committees and given invited talks, tutorials and short courses at numerous conferences, he has authored or co-authored about 60 papers, about 80 conference papers, including over 20 invited papers and tutorials, several book chapters and 3 books.

During the academic years 1998-1999 and 1999-2000 he was a LEOS Distinguished Lecturer. He has also served as VP for Membership and Regional Activities in Region 8 of the Photonics Society.

His research has included contributions to the understanding of the properties of semiconductor lasers and optical waveguides, as well as contributions to work on gratings, integrated optics and coherent optical communication.

Dr Buus is a Fellow of the IEEE, and a member of the Optical Society of America and of the Danish Physical Society.