

Curriculum Vitae for Anders Overgaard Bjarklev

- Date of birth:* 2. July 1961 (born in Roskilde, Denmark)
- Citizenship:* Denmark
- Education:* Aug. 1985: M.Sc in Electrical Engineering from the Technical University of Denmark (thesis on optical communication)
 June 1988: Ph.D from the Technical University of Denmark (thesis on optical fibre characterisation)
 Aug. 1995: Doctor technices (Dr.Techn.) from the Technical University of Denmark (thesis on optical fibre amplifiers)
- Academic Appointments:* Oct 1998: Assistant Professor in Optical Communications at Electromagnetics Institute (EMI), DTU.
 Apr. 1992: Associate Professor in Optical Communications and Electromagnetic Theory at EMI, DTU.
 Sept. 1999: Professor in Optical Waveguides at COM, Technical University of Denmark
 April 2001: Member of the Danish Academy of Technical Sciences
 March 2004: Director of Research Center COM, Technical University of Denmark
- Referee:* IEE Electronics Letters, IEE Proceedings, IEEE Photonics Technology Letters, IEEE Journal of Lightwave Technology, IEEE Journal of Quantum Electronics, OSA Applied Optics, OSA Optics Letters, Optical Fiber Technology, Science, Optics Express etc..
- External examination:* Has been appointed as opponent on a number of Ph.D and Dr.Techn. projects nationally and internationally.
- Supervision:* Ph.D projects: Has since 1989 been supervising 20 Ph.D projects
 M.Sc. projects: Has since 1986 been supervising more than 55 M.Sc thesis projects, and more than 100 individual graduate level projects.
- Teaching:* Has since 1988 been lecturing on a number of courses at DTU (and for a period during 1997 also at Johns Hopkins University, Maryland, USA).
- Publications:* Is the author of 2 books, more than 100 papers in international journals, and more than 130 papers presented at international conferences. Is furthermore the inventor on more than 20 patents or patent applications.
- Research Interests:* Dielectric optical waveguides, Rare-earth-doped waveguide components, Fibre amplifiers and laser sources, Optical communication systems, Planar waveguide structures, Electromagnetic Field theory, Photonic crystal waveguides.
- Company co-founding:* In 1999 Anders Bjarklev became a co-founder of the company Crystal Fibre A/S (together with two colleagues, NKT Holding A/S, and the Technical University of Denmark). In 2003 Anders Bjarklev became a co-founder of the company OCT Innovation Aps (together with Andreas Tycho, DTU Innovation, and CAT-Risø).
- Awards:* Was in 1993 as the first awarded the annual price of The Danish Optical Society.
 Was in April 2000 awarded "Dana Lim Prisen 2000".
 Was in January 2004 given VILLUM KANN RASMUSSEN's Annual award for Technical Research (in total 1.5 mio. dkk).
 Was in October 2005 appointed OSA Fellow.