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Teaching experience

2020	Professor (University of Southern Denmark). Courses taught include plasmonics, advanced optics, advanced physical optics, nano-optics (all at MSc level), advanced electrodynamics and nano-optics as PhD-courses. Delivered > 20 lectures at various PhD-schools (1992 – current).
2019	Lorem ipsProfessor (Aalborg University, Denmark). Courses taught include integrated optics, fibre optics, optical detection, nonlinear optics, linear electrodynamics (all at MSc level), near-field optics and nano-optics as PhD-courses.um dolor sit amet
1981 - 1989	Lorem ipsumProfessor (Polytechnic University, Yaroslavl, Russia). Courses taught include mathematical analysis, linear algebra, vector analysis, mathematical physics. dolor sit amet

Supervision:

Supervised 22 postdoctoral researchers, 23 Ph.D. students and 21 M.Sc. students. External censorship for overall > 10 BSc and MSc diploma projects, and > 20 PhD dissertations in Denmark, Sweden, UK, France, Germany, Austria and Australia.

Teaching Philosophy

Many universities around the world have as their motto a Latin proverb “Docendo discimus” that is conventionally translated as “by teaching, we learn). This motto has been my main guideline in teaching various courses at different levels throughout the whole my teaching career.
The point is that, when preparing for any lecture, one should consider the lecture material as if one learns this topic for the first time, constantly asking yourself questions “why is that?”, “is that really so?”, and most importantly “what is the basic underlying physics (of a considered phenomenon, formula, effect, etc)?” or “how can this be qualitatively understood/explained”. Any lecture is consequently built with simple reasoning and explanations, following each important fact, principle, or phenomenon being considered.
It is my firm conviction that there are only a few formulas or numbers that have to be remembered, but students should learn the underlying physics of all considered phenomena, simply because the details are readily available on the internet. The main teaching goal, that I strive to achieve when teaching any subject within technical or natural sciences, is the profound understanding at the level of coherent physical vision of the whole world.

Other educational activities:

• Coordinator of EU student exchange program “ERASMUS” at Aalborg University (1999 – 2008)
• Elected member of the board, Institute of Physics, Aalborg University (2000 – 2008)
• Member of the working group on the educational program for engineering physics at the
Faculty of Engineering (2019 – current)