

Teaching CV

Formal Educational Training.

Early in my career I attended three courses on pedagogical methods.
No formal pedagogical education. Appr. 40 years of teaching.

Administrative tasks related to education

Elected--not appointed-- Head of Department of the then Fysisk Institut for five years.
Member of Naturvidenskabelig Studienaevn for eleven years.
Responsible for organizing teaching at FKF and its predecessor for 10 years.

Experience with teaching, supervision and examination.

I have taught, and teach courses at all levels, some of which I have designed from scratch.

Keep no count of ECTS.

Most of my master students theses have been published in scientific journals, as PRL, EPL, PRB, PRE, Journal of Theoretical Biology etc.

I have co-supervised several PhD students abroad, and have co-authored publications with them.

I supervised a handful of 'own' PhD student, who all left their mark in the literature.

Methods, materials and tools

I published two books, one with Peter Salamon and Richard Frost of SDSU, San Diego, and the other with Henrik J. Jensen, of Imperial College, London. Both are used in advanced teaching.

I have written a book-like (nearly) set of notes for my Thermal Physics course at SDU.

I am C2 level certified to teach in English, something I do whenever students in the audience do not understand Danish.

I try to coach my students.

Educational development and educational research as well as educational awards

My way of teaching has changed continuously over the years. I now focus on motivating, inspiring and nudging my students. Not so much on explaining the full story in one pass.

I don't do educational research, except by introspection, and I never got any awards.