

## LECTURER'S VITAE

### IAEA-ARGONNE TRAINING COURSE

**Name:** Tom Knöös

**Present Position:** Director of Radiation Physics

**Affiliation:** Skåne University Hospital and Lund University

**Address:** Klinikgatan 7  
SE-221 85 Lund  
Sweden

\_\_\_\_\_

**Phone Number:** +46 767 871 434

**Fax Number:** +46 46 13 61 56

**E-mail Address:** tommy.knoos@med.lu.se

#### Scope of Present Duties:

Director of medical physics with about 80 people in the staff (ca 40 are medical physicists) covering MR, diagnostic radiology, nuclear medicine, cyclotron production and radiation oncology. We are present in the whole county covering a population of 1.5 million. Act as supervisor for PhD and MSc students in medical physics and radiation oncology.

#### Most Relevant Past Experience:

The last seven years been director of medical physics, first for Lund and since two years time also after joining Malmö and Lund to a complex of 12000 employees. Main working areas are; Patient Safety (founder of the ROSIS project) and dose modelling especially within treatment planning systems. Recent interest also covers methods for evaluation of treatment plans. Performs reviews for the main medical physics journals as well acting as associate editor for the "Journal of Clinical Applied Medical Physics" and the "European Journal of Medical Physics". Has published 50+ peer reviewed papers and giving a several invited lectures on the above topics world wide.

#### Educational Background:

Finsihed my master in the 70ies and have been a medical physicist since then. Presented a thesis on methods in dose planning and calculation in 1991. Became associate professor in 2007 within radiation oncology physics. .

**NOTE: If you do not want the above information published to the training course website, please check this box.**