

Current Research

- PhD student in accelerator physics at MAX IV Laboratory, Lund University, Sweden
- Modelling and simulation studies of future free-electron laser (FEL) facilities
- Studying the use of tapered undulators for FEL efficiency enhancement
- Exploring the possibility to operate the Short Pulse Facility (SPF) as a SASE FEL, for the development of FEL techniques

My Background

- M.Sc. at Leiden University, Netherlands
Project in single-molecule biophysics
- B.Sc. at UC Santa Barbara, USA
Project in elementary particle physics
- Summer student at DESY, Germany (2007) and at INFN, Italy (2008)
- Enjoy international and interdisciplinary settings; interest in travelling and learning foreign languages

The MAX IV Facility in Lund, Sweden

