

Candidate's statement by Prof. Joakim Bood

Joakim Bood received his MSc and PhD degrees in Physics from Lund University, Sweden. His PhD project was about development and application of Coherent anti-Stokes Raman spectroscopy (CARS) for thermometry and species concentration measurements. He was then a postdoctoral fellow at Sandia National Laboratories, California, USA, working on development of cavity-enhanced frequency-modulation spectroscopy (NICE-OHMS) for ultrasensitive detection.



Joakim Bood is currently full professor at Lund University, where he is running a research program focused on short-pulse (ps/fs) spectroscopy, applied molecular spectroscopy, and remote sensing. He has coauthored more than 80 scientific articles, including a number of review papers and book chapters.

Prof. Bood is a member of the Optical Society of America (OSA) and has served on several program committees for OSA conferences. Since 2015, he is Deputy Director of the Lund Laser Centre. He is also general chair for the conference Northern Optics and Photonics 2018, which is sponsored by the European Optical Society.

Prof. Bood believes that a strong European Optical Society is essential for the future of European optics. If elected, he will work for a greater role in EOS affairs for the National Societies and for increased collaboration with other international societies.